

FY 2008 GLOBAL WAR ON TERROR BUDGET ESTIMATE

Military Construction, Army Construction Project Data

February 2007

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DEPARTMENT OF DEFENSE

MILITARY CONSTRUCTION

Military Construction, Army

For an additional amount for "Military Construction, Army", \$738,850,000, to remain available until September 30, 2012: Provided, that such funds may be obligated and expended to carry out planning and design and military construction projects not otherwise authorized by law.

This request would provide \$738,850,000 to fund various military construction projects to support Operations Iraqi Freedom and Enduring Freedom. The requested funds will provide force protection measures, airfield facilities, operational facilities, support facilities, fuel handling & storage, and roads.

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DEPARTMENT OF THE ARMY FY 2008 GWOT Budget Request Narrative Justification

<u>Category – Military Construction</u>

FY08

GWOT Total \$738,850 \$738,850

1. <u>Introduction.</u> This request supports various military construction projects that fulfill Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF) theater infrastructure requirements.

2. MILCON

MILCON

This request supports the National Strategy for the Global War on Terror Theater Strategy military objectives. The requested funds provide projects critical to the support of deployed warfighters, operational requirements for airfields, command and control, and support facilities to ensure safe and efficient military operations, and vital route hardening to counter the IED threat of Convoys in Iraq. These projects fulfill the Departments immediate mission needs and urgent infrastructure requirements in the theater in support of ongoing operations in Afghanistan and Iraq.. These projects are critical in providing for the life, health, and safety of the Soldiers prosecuting OIF and OEF. The two projects at Bagram, Afghanistan expand on the infrastructure projects that were submitted for the FY 07 Supplemental request. As a Forward Operating Site, Bagram must be able to provide for a long term steady state presence while being able to surge to meet theater contingency requirements. The Ammunition Supply Point project will provide a greater safety capacity to allow the storage of munitions needed for strategic bombing. Currently, power generation at Bagram is from contracted generators that cost \$11M per year and is not capable of supporting the increasing demands. The design for the replacement generator will meet future demands even at peak power surges while significantly decreasing the cost of power generation.

The thirty-one projects in Iraq support the commander's strategy on consolidating U.S. Forces in the final Operational Overwatch Contingency Operation Bases and Locations. Seven projects support landfills which are part of the retrograde plan and closure activities (Fallujah, Marez, Warrior, Taquadum, and Ramadi). These landfills are required to ensure we meet environmental, base camp closure, and property disposal procedures. As we close these sites there is significant need for landfill sites that cannot be met through contracts or retrograde to properly dispose of the waste, and non-retrogradeable material. The final consolidation location will also have landfills (VBC, Speicher, Al Asad, and LSA Anaconda) to prep for their eventual closure and provide sufficient capacity to handle the remaining waste generated through current operations.

The four urban bypass projects increase the safety of the forces by allowing future traffic to bypass urban areas, minimize IED threat, and improve trafficability between the final consolidation bases and the neighboring countries. The five power plant projects provide increased power generation capacity at two of the final Contingency Operation Bases and two of the final Contingency Operation Locations. These sites will require additional power generation as the force consolidates and as smaller Contingency Operating sites are closed. These power plants also replace smaller leased generators lowering the annual cost for power generation. Two logistic facilities and six infrastructure projects on the final Operational Overwatch Bases are designed to ensure the future needs are met for water, fuel, and supply storage. The six remaining projects replace deteriorated facilities, construct new Life Support Areas and provide force protection measures as MNF-I forces consolidate forces into the final Operation Overwatch Contingency Operation Bases and Locations.

FY2008 Military Construction Global War on Terror Request Military Construction, Army

(\$ in thousands)

Project Name	<u>Project</u> <u>Number</u>	FY 2008 Request	Page No.
Afghanistan			
Army Bagram Air Base			
Ammunition Supply Point Power Plant	68082 68067	\$62,000 \$41,000	27 29
Total Bagram Air Base, Afghanistan		\$103,000	
Iraq			
Army Camp Adder			
Power Plant Petroluem Oil & Lubricant Storage Area Waste Water Treatment and Collection System Multi Class Storage Warehouse Entry Control Point	67994 68014 68013 68003 68001	\$39,000 \$10,000 \$9,800 \$17,000 \$4,850	33 37 41 45 49
Total Adder		\$80,650	
Al Asad			
Power Plant Landfill Construction Urban By Pass Road	67992 68022 68006	\$40,000 \$3,100 \$43,000	53 57 61
Total Al Asad		\$86,100	
LSA Anaconda			
Landfill Construction Power Plant Urban By Pass Road	68020 67990 68007	\$6,200 \$39,000 \$43,000	65 69 73
Total LSA Anaconda		\$88,200	
Fallujah			
Landfill Construction	68017	\$880	77
Total Fallujah		\$880	
Camp Marez			
Landfill Construction	68019	\$880	81
Total Marez		\$880	
Mosul			
Urban By Pass Road	68009	\$43,000	85
Total Mosul		\$43,000	

FY2008 Military Construction Global War on Terror Request Military Construction, Army

(\$ in thousands)

Project Name Q-West	<u>Project</u> <u>Number</u>	FY 2008 Request	Page No.
Power Plant	67993	\$26,000	89
Total Q-West		\$26,000	
Camp Ramadi			
Landfill Construction	68015	\$880	93
Total Ramadi		\$880	
Scania			
Entry Control Point	68000	\$5,000	97
Total Scania		\$5,000	
Camp Speicher			
Power Plant Landfill Construction Waste Water Treatment and Collection System Rotary Wing Parking Apron	67991 68021 68011 68004	\$39,000 \$5,900 \$9,800 \$49,000	101 105 109 113
Total Speicher		\$103,700	
Camp Taqqadum			
Landfill Construction	68016	\$880	117
Total Taqqadum		\$880	
Tikrit			
Urban By Pass Road	68008	\$43,000	121
Total Tikrit		\$43,000	
Camp Victory			
Landfill Construction Entry Control Point Level 3 Hospital Waste Water Treatment and Collection System	68023 68002 68005 68012	\$6,200 \$5,000 \$13,400 \$9,800	125 129 133 137
Total Victory		\$34,400	
Camp Warrior			
Landfill Construction	68018	\$880	141
Total Warrior		\$880	

FY2008 Military Construction Global War on Terror Request Military Construction, Army

(\$ in thousands)

Project Name Various Locations	<u>Project</u> <u>Number</u>	FY 2008 Request	Page No.
Facilities Replacement, Phase I	68010	\$36,000	145
Facilities Replacement, Phase II Overhead Cover- eGlass	67998 67995	\$36,000 \$30,000	149 153
Total Various Locations, Iraq		\$102,000	
Total Iraq		\$616,450	
Total Afghanistan and Iraq		\$719,450	
Worldwide Army Various Locations			
Planning & Design	68198	\$19,400	157
Total Various Locations, Worldwide		\$19,400	
Total Worldwide		\$19,400	
Total Military Construction, Army		\$738,850	

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Component: ARMY

Category: Support Facilities

Project: ASP (PN 68082)

Location: Bagram, Afghanistan

(\$000) Amount: \$62,000

<u>Description/Justification</u>: This project will build 12 munitions storage igloos that will support both Army and Air Force requirements on the base. These igloos will increase the size and amount of munitions that can be stored at Bagram.

<u>Impact if not provided:</u> Without this project, the units will not be able to store the larger munitions for their bombers and limits the amount of these munitions that can be stored. This project will allow the storage of these type of munitions which increase the Air Forces ability to project more air power from Bagram.

Category: Utilities

Project: **Power Plant** (PN 68067)

Location: Bagram, Afghanistan

(\$000) Amount: \$41,000

<u>Description/Justification</u>: This project will replace a smaller lease power plant with a larger power plant and distribution system. Afghanistan does not have a commercial power grid. A continuous, reliable power plant is needed to meet the current and future Bagram Air Field (BAF), Afghanistan operational requirements. The power plant will significantly improve power reliability & stability to this critical Forward Operating Site. In addition, the power plant will dramatically reduce the expenses currently incurred with the smaller leased power plant.

<u>Impact if not provided:</u> If not provided, the current electrical capacity will not meet the new requirements.

Category: Utilities

Project: Power Plant (PN 67994)

Location: Adder, Iraq

(\$000) Amount: \$39,000

<u>Description/Justification</u>: This project will construct a power plant and distribution system. Currently there is no primary electrical power distribution infrastructure of sufficient capacity exists within reasonable proximity to areas which existing and planned facilities may source their electrical power. Currently the camp uses diesel generator sets to provide power which is expensive. Due to greater pollution discharge, continued reliance on individual diesel engine generator sets will result in the further degradation of air quality in and around the base.

<u>Impact if not provided:</u> If not provided, the current electrical capacity will not meet the new requirements. Also the air quality will continue to degrade causing further environmental issues.

Category: Utilities

<u>Project</u>: POL Storage Area (PN 68014)

Location: Camp Adder, Iraq

(\$000) Amount: \$10,000

<u>Description/Justification</u>: This project will construct storage tanks to meet Petroleum Oil and Lubricant (POL) mission and storage requirements. Currently, fuel operations are often interrupted due to significant amounts of maintenance on the existing fuel bladders.

<u>Impact if not provided:</u> Without this project, fuel will continue to be stored in deteriorated temporary storage bags, making fuel transfer more cumbersome and time consuming.

Category: Utilities

Project: Waste Water Treatment and Collection System (PN 68013)

Location: Camp Adder, Iraq

(\$000) Amount: \$9,800

<u>Description/Justification</u>: This project will construct a waste water treatment plant and sewage collection system. The installation currently trucks sewage off base because there are no sewage systems. Most of the buildings have separate sewer tanks that must be pumped out and the product taken off base to be disposed of. The trucking process is extremely expensive and time consuming. The trucks must be inspected and searched prior to entering and leaving the base, which poses a great force protection risk. The constant transfer process from tanks to trucks results in frequent leaks that leaves waste water spilled on the ground.

<u>Impact if not provided:</u> If not provided, the sewage removal process will create traffic congestion resulting in disruption of operations.

<u>Category</u>: Warehouse

Project: Multi Class Storage Warehouse (PN 68003)

Location: Camp Adder, Iraq

(\$000) Amount: \$17,000

<u>Description/Justification</u>: Project will construct a warehouse to support logistical operations. Warehouse will include a controlled humidity system to improve materials storage life.

<u>Impact if not provided:</u> If not provided, warehouses supplies will be stored in the open and subject to environmental degradation; therefore delaying support to deploying units and stressing the supply system.

Category: Force Protection

Project: Entry Control Point (PN 68001)

Location: Adder, Iraq (\$000) Amount: \$4,850

<u>Description/Justification</u>: This project will construct an Entry Control Point (ECP) to include a Processing Facility and site work to provide a search area for vehicles entering the base. The existing ECPs are not sufficient causing current security operations to require a significant amount of time to process military vehicles to enter the compound. Vehicle screening is not accomplished until after vehicles have passed the initial entry control point, putting military personnel at increased risk to vehicle borne improvised explosive devices and small arms fire.

Category: Utilities

Project: Power Plant (PN 67992)

Location: AL Asad, Iraq

(\$000) Amount: \$40,000

<u>Description/Justification</u>: This project will construct a power plant and distribution system. Currently there is no primary electrical power distribution infrastructure of sufficient capacity exists within reasonable proximity to areas which existing and planned facilities may source their electrical power. Currently the camp uses diesel generator sets to provide power which is expensive. Due to greater pollution discharge, continued reliance on individual diesel engine generator sets will result in the further degradation of air quality in and around the base.

<u>Impact if not provided:</u> If not provided, the current electrical capacity will not meet the new requirements. Also the air quality will continue to degrade causing further environmental issues.

Category: Utilities

Project: Landfill (PN 68022)

Location: Al Asad, Iraq

(\$000) Amount: \$3,100

<u>Description/Justification</u>: Project will construct a landfill for the safe disposal of incinerator ash and other solid waste generated at the base. The daily ash from incinerators continues to accumulate without a legitimate means of disposal. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit.

<u>Impact if not provided:</u> If not provided the camp personnel will continue to be exposed to hazardous smoke.

Category: Road/Force Protection

Project: Urban By Pass Road (counter IED) (PN 68006)

Location: Al Asad, Iraq

(\$000) Amount: \$43,000

<u>Description/Justification</u>: This project will construct a portion of an existing road. The existing road is highly traveled by US and Coalition forces and is unpaved and in poor condition. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.

<u>Impact if not provided:</u> Frequency of mortar attacks continue to rise. Paving this section of road will enhance force protection measures and safety for US and Coalition forces.

Category: Utilities

Project: Landfill (PN 68020)

Location: LSA Anaconda, Iraq

(\$000) Amount: \$6,200

<u>Description/Justification</u>: Project will construct a landfill for the safe disposal of incinerator ash and other solid waste generated at the base. The daily ash from incinerators continues to accumulate without a legitimate means of disposal. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit.

<u>Impact if not provided:</u> If not provided the camp personnel will continue to be exposed to hazardous smoke.

Category: Utilities

Project: **Power Plant** (PN 67990)

Location: LSA Anaconda, Iraq

(\$000) Amount: \$39,000

<u>Description/Justification</u>: This project will construct a power plant and distribution system. Currently there is no primary electrical power distribution infrastructure of sufficient capacity exists within reasonable proximity to areas which existing and planned facilities may source their electrical power. Currently the camp uses diesel generator sets to provide power which is expensive. Due to greater pollution discharge, continued reliance on individual diesel engine generator sets will result in the further degradation of air quality in and around the base.

<u>Impact if not provided:</u> If not provided, the current electrical capacity will not meet the new requirements. Also the air quality will continue to degrade causing further environmental issues.

Category: Road/Force Protection

Project: Urban By Pass Road (counter IED) (PN 68007)

Location: Anaconda, Iraq

(\$000) Amount: \$43,000

<u>Description/Justification</u>: This project will construct a portion of an existing road. The existing road is highly traveled by US and Coalition forces and is unpaved and in poor condition. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.

<u>Impact if not provided:</u> Frequency of mortar attacks continue to rise. Paving this section of road will enhance force protection measures and safety for US and Coalition forces.

Category: Utilities

Project: Landfill (PN 68017)

Location: Camp Fallujah, Iraq

(\$000) Amount: \$880

<u>Description/Justification</u>: Project will construct a landfill for the safe disposal of incinerator ash and other solid waste generated at the base. The daily ash from incinerators continues to accumulate without a legitimate means of disposal. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit.

<u>Impact if not provided:</u> If not provided the camp personnel will continue to be exposed to hazardous smoke.

Category: Utilities

Project: Landfill (PN 68019)

Location: Camp Marez, Iraq

(**\$000**) Amount: \$880

<u>Description/Justification</u>: Project will construct a landfill for the safe disposal of incinerator ash and other solid waste generated at the base. The daily ash from incinerators continues to accumulate without a legitimate means of disposal. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit.

<u>Impact if not provided:</u> If not provided the camp personnel will continue to be exposed to hazardous smoke.

Category: Road/Force Protection

Project: **Urban By Pass Road (counter IED)** (PN 68009)

Location: Mosul, Iraq

(\$000) Amount: \$43,000

<u>Description/Justification</u>: This project will construct a portion of an existing road. The existing road is highly traveled by US and Coalition forces and is unpaved and in poor condition. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.

<u>Impact if not provided:</u> Frequency of mortar attacks continue to rise. Paving this section of road will enhance force protection measures and safety for US and Coalition forces.

Category: Utilities

Project: Power Plant (PN 67993)

Location: Q-West, Iraq

(\$000) Amount: \$26,000

<u>Description/Justification</u>: This project will construct a power plant and distribution system. Currently there is no primary electrical power distribution infrastructure of sufficient capacity exists within reasonable proximity to areas which existing and planned facilities may source their electrical power. Currently the camp uses diesel generator sets to provide power which is expensive. Due to greater pollution discharge, continued reliance on individual diesel engine generator sets will result in the further degradation of air quality in and around the base.

<u>Impact if not provided:</u> If not provided, the current electrical capacity will not meet the new requirements. Also the air quality will continue to degrade causing further environmental issues.

Category: Utilities

Project: Landfill (PN 68015)

Location: Camp Ramadi, Iraq

(\$000) Amount: \$880

<u>Description/Justification</u>: Project will construct a landfill for the safe disposal of incinerator ash and other solid waste generated at the base. The daily ash from incinerators continues to accumulate without a legitimate means of disposal. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit.

<u>Impact if not provided:</u> If not provided the camp personnel will continue to be exposed to hazardous smoke.

Category: Force Protection

Project: Entry Control Point (PN 68000)

Location: Scania, Iraq

(\$000) Amount: \$5,000

<u>Description/Justification</u>: This project will construct an Entry Control Point (ECP) to include a Processing Facility and site work to provide a search area for vehicles entering the base. The existing ECPs are not sufficient causing current security operations to require a significant amount of time to process military vehicles to enter the compound. Vehicle screening is not accomplished until after vehicles have passed the initial entry control point, putting military personnel at increased risk to vehicle borne improvised explosive devices and small arms fire.

<u>Impact if not provided:</u> If not provided, the stationary personnel and vehicles will continue to be at great risk due to significant delays at the entry point.

Category: Utilities

Project: **Power Plant** (PN 67991)

Location: Camp Speicher, Iraq

(\$000) Amount: \$39,000

<u>Description/Justification</u>: This project will construct a power plant and distribution system. Currently there is no primary electrical power distribution infrastructure of sufficient capacity exists within reasonable proximity to areas which existing and planned facilities may source their electrical power. Currently the camp uses diesel generator sets to provide power which is expensive. Due to greater pollution discharge, continued reliance on individual diesel engine generator sets will result in the further degradation of air quality in and around the base.

<u>Impact if not provided:</u> If not provided, the current electrical capacity will not meet the new requirements. Also the air quality will continue to degrade causing further environmental issues.

Category: Utilities

Project: Landfill (PN 68021)

Location: Camp Speicher, Iraq

(\$000) Amount: \$5,900

<u>Description/Justification</u>: Project will construct a landfill for the safe disposal of incinerator ash and other solid waste generated at the base. The daily ash from incinerators continues to accumulate without a legitimate means of disposal. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit.

<u>Impact if not provided:</u> If not provided the camp personnel will continue to be exposed to hazardous smoke.

Category: Utilities

Project: Waste Water Treatment and Collection System (PN 68011)

Location: Camp Speicher, Iraq

(\$000) Amount: \$9,800

<u>Description/Justification</u>: This project will construct a waste water treatment plant and sewage collection system. The installation currently trucks sewage off base because there are no sewage systems. Most of the buildings have separate sewer tanks that must be pumped out and the product taken off base to be disposed of. The trucking process is extremely expensive and time consuming. The trucks must be inspected and searched prior to entering and leaving the base, which poses a great force protection risk. The constant transfer process from tanks to trucks results in frequent leaks that leaves waste water spilled on the ground.

<u>Impact if not provided:</u> If not provided, the sewage removal process will create traffic congestion resulting in disruption of operations.

<u>Category</u>: Airfield Operations

Project: Rotary Wing Parking Apron (PN 68004)

Location: Camp Speicher, Iraq

(\$000) Amount: \$49,000

<u>Description/Justification</u>: This project will construct a heavy aircraft apron. The base routinely has multiple heavy aircraft off-loading cargo and passengers at the same time. The parking aprons are not sized to park heavy commercial and military aircraft which are forced to park on unlighted active taxiways. The situation forces heavy cargo equipment to operate extremely close to the aircraft, personnel on foot, and the passenger terminal which is adjacent to the cargo yard. This creates a critical safety hazard that will become worse as more missions consolidate on base.

<u>Impact if not provided:</u> If this project is not provided the lack of apron space will continue to create serious safety hazards, mixing passengers, aircraft, and cargo equipment in dangerously close proximities.

Category: Utilities

Project: Landfill (PN 68016)

Location: Camp Taqqadum, Iraq

(\$000) Amount: \$880

<u>Description/Justification</u>: Project will construct a landfill for the safe disposal of incinerator ash and other solid waste generated at the base. The daily ash from incinerators continues to accumulate without a legitimate means of disposal. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit.

<u>Impact if not provided:</u> If not provided the camp personnel will continue to be exposed to hazardous smoke.

Category: Road/Force Protection

Project: Urban By Pass Road (counter IED) (PN 68008)

Location: Tikrit, Iraq

(\$000) Amount: \$43,000

<u>Description/Justification</u>: This project will construct a portion of an existing road. The existing road is highly traveled by US and Coalition forces and is unpaved and in poor condition. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.

<u>Impact if not provided:</u> Frequency of mortar attacks continue to rise. Paving this section of road will enhance force protection measures and safety for US and Coalition forces.

Category: Utilities

Project: Landfill (PN 68023)

Location: Camp Victory, Iraq

(\$000) Amount: \$6,200

<u>Description/Justification</u>: Project will construct a landfill for the safe disposal of incinerator ash and other solid waste generated at the base. The daily ash from incinerators continues to accumulate without a legitimate means of disposal. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit.

<u>Impact if not provided:</u> If not provided the camp personnel will continue to be exposed to hazardous smoke.

<u>Category</u>: Force Protection

Project: Entry Control Point (PN 68002)

Location: Camp Victory, Iraq

(\$000) Amount: \$5,000

<u>Description/Justification</u>: This project will construct an Entry Control Point (ECP) to include a Processing Facility and site work to provide a search area for vehicles entering the base. The existing ECPs are not sufficient causing current security operations to require a significant amount of time to process military vehicles to enter the compound. Vehicle screening is not accomplished until after vehicles have passed the initial entry control point, putting military personnel at increased risk to vehicle borne improvised explosive devices and small arms fire.

<u>Impact if not provided:</u> If not provided, the stationary personnel and vehicles will continue to be at great risk due to significant delays at the entry point.

Category: Facility

Project: Level 3 Hospital (PN 68005)

Location: Camp Victory, Iraq

(\$000) Amount: \$13,400

<u>Description/Justification</u>: Project will construct a new Level 3 Medical Clinic. The current mobile units are located in tents that are not suitable as long-term medical facilities. Tents will begin to deteriorate within the year and will have to be replaced. Air distribution ductwork is beginning to deteriorate as well. These conditions are conducive to mildew growth that could result in respiratory illness leading to a decline in medical care.

<u>Impact if not provided:</u> Existing facilities are not protected against explosive shrapnel. As they are located in close proximity to the Camp's perimeter, they are susceptible to periodic rocket and mortar attacks. This force protection construction is essential to saving Soldiers' lives.

Category: Utilities

Project: Waste Water Treatment and Collection System (PN 68012)

Location: Camp Victory, Iraq

(\$000) Amount: \$9,800

<u>Description/Justification</u>: This project will construct a waste water treatment plant and sewage collection system. The installation currently trucks sewage off base because there are no sewage systems. Most of the buildings have separate sewer tanks that must be pumped out and the product taken off base to be disposed of. The trucking process is extremely expensive and time consuming. The trucks must be inspected and searched prior to entering and leaving the base, which poses a great force protection risk. The constant transfer process from tanks to trucks results in frequent leaks that leaves waste water spilled on the ground.

<u>Impact if not provided:</u> If not provided, the sewage removal process will create traffic congestion resulting in disruption of operations.

Category: Utilities

Project: Landfill (PN 68018)

Location: Camp Warrior, Iraq

(\$000) Amount: \$880

<u>Description/Justification</u>: Project will construct a landfill for the safe disposal of incinerator ash and other solid waste generated at the base. The daily ash from incinerators continues to accumulate without a legitimate means of disposal. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit.

<u>Impact if not provided:</u> If not provided the camp personnel will continue to be exposed to hazardous smoke.

Category: Support Facilities

Project: Facilities Replacement, phase I (PN 68010)

Location: Various, Iraq

(\$000) Amount: \$36,000

<u>Description/Justification</u>: This project will replace initial expeditionary facilities with new construction. Currently this requirement is being met by temporary facilities that were constructed during the initial stages of Operation Iraqi Freedom. However, these facilities are starting to age and deteriorate to the point where they require constant repair to remain functional. The existing facilities were designed and constructed with expediency in mind and were only intended for a few years of use.

<u>Impact if not provided:</u> Without replacement, the bases will continue to rely upon the older structures and experience shortfalls in the number and size of facilities needed.

Category: Support Facilities

Project: Facilities Replacement, Phase II (PN 67998)

Location: Various, Iraq

(\$000) Amount: \$36,000

<u>Description/Justification</u>: This project will replace initial expeditionary facilities with new construction. Currently this requirement is being met by temporary facilities that were constructed during the initial stages of Operation Iraqi Freedom. However, these facilities are starting to age and deteriorate to the point where they require constant repair to remain functional. The existing facilities were designed and constructed with expediency in mind and were only intended for a few years of use.

<u>Impact if not provided:</u> Without replacement, the bases will continue to rely upon the older structures and experience shortfalls in the number and size of facilities needed.

Category: Force Protection

Project: Overhead Cover -eGlass (PN 67995)

Location: Various, Iraq

(\$000) Amount: \$30,000

<u>Description/Justification</u>: Project will construct facility overhead cover systems for selected high-density gathering facilities at various locations in Iraq. Specific facilities are prioritized based upon threat and vulnerability assessments. The likelihood of attack on a high-density gathering facility has increased. There is mounting evidence that anti-Iraqi forces are specifically targeting these facilities.

<u>Impact if not provided:</u> Failure to provide overhead cover greatly increases the risk of mass casualties from indirect fire attacks.

Planning & Design

Project: Planning and Design (PN 68198)

Location: Iraq and Afghanistan

(\$000) Amount: \$19,400

Category: n/a

Priority: n/a

<u>Justification:</u> Provides for Government planning and design efforts

associated with the above projects.

Summary of Military Construction Project	iects
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1.COMPONENT						2.DATE	
	2008 MIL	ITARY	CONS	TRUCTION PROJ	ECT DATA		
ARMY						03	FEB 2007
3.INSTALLATION AND LOC				4.PROJECT TITLE			
Afghanistan Variou	.S						
Afghanistan	+		1	Ammunition			
5.PROGRAM ELEMENT	6.CATEGORY COD	E	7.PR0	DJECT NUMBER		COST (\$00	•
					Auth Approp	62,	000
	422			000			
		9.0	COST E	STIMATES			
ITEM		UM (M/E)	QUANTITY		UNITCOST	COST (\$000)
PRIMARY FACILITY							47,631
Ammunition Igloo		EA		54		600,000	
Ammunition Holding	-	EA		12		670,000	
Processing Facilit	-	EA		3	13,714)	2073000	
Roads, Surfaced 12	' wide	m (:	LF)	4,180 (167.75	(701)
Outbuildings				2		135,717	(271)
SUPPORTING FACILIT	'IES						5,435
Electric Service		LS					(598)
Antiterrorism Meas	ures	LS					(3,832)
Lighting Protection	n System	LS					(1,005)
ESTIMATED CONTRACT	' COST						53,066
CONTINGENCY PERCEN	T (5.00%)						2,653
SUBTOTAL	(,						55,719
SUPV, INSP & OVERH	EAD (7.70%)						4,290
DESIGN/BUILD - DES							2,229
TOTAL REQUEST							62,238
TOTAL REQUEST (ROU	NDED)						62,000
INSTALLED EQT-OTHER APPROP							(0)
10.Description of Proposed Co	nstruction Con	 struc	tar	new Ammunition	Supply	Point (A	SP).
Prepare site, buil	d storage fac	iliti	es, c	construct new	outbuild	ings, an	d

Prepare site, build storage facilities, construct new outbuildings, and construct concrete inspection pads to ensure security of personnel and ammunition. Provide force protection by erecting concrete barriers, berms, fencing, and lighting for the area.

11. REQ: 1 EA ADQT: NONE SUBSTD: NONE

PROJECT: Construct Ammunition Supply Point.

<u>REQUIREMENT:</u> The ASP will meet all applicable requirements for force protection, munitions and airfield safety if needed.

<u>CURRENT SITUATION:</u> The current ASP is undersized and located within a required clear area. The inhabited building distance or safety for the amount and level of explosive stored in a current facility is not adequate, unsafe and very dangerous.

IMPACT IF NOT PROVIDED: If the current ASP is not relocated, personnel will continue to be at significant risk. The increase for damage or detonation to sensitive munitions that are stored becomes more likely. In addition, space is limited and the continued rocket threats to the area significantly increases the potential for a catastrophic event.

1.COMPONENT FY 2008 MILITARY CONSTRUCTION PROJECT DATA ARMY 3.INSTALLATION AND LOCATION Afghanistan Various, Afghanistan 4.PROJECT TITLE 5.PROJECT NUMBER Ammunition Supply Point 68082	2007			
ARMY 3.INSTALLATION AND LOCATION Afghanistan Various, Afghanistan 4.PROJECT TITLE 5.PROJECT NUMBER	2007			
3.INSTALLATION AND LOCATION Afghanistan Various, Afghanistan 4.PROJECT TITLE 5.PROJECT NUMBER	2007			
Afghanistan Various, Afghanistan 4.PROJECT TITLE 5.PROJECT NUMBER				
4.PROJECT TITLE 5.PROJECT NUMBER				
Ammunition Supply Point 68083				
Ammunition Supply Point 68083				
1. Minimali 1 of 1 o	2			
ADDITIONAL: All required physical security and antiterrorism/force				
protection measures will be incorporated. Sustainable principles will be				
integrated into the development, design, and construction of the project.				
Joint use potential will be incorporated where feasible.				
12. SUPPLEMENTAL DATA:				
A. Estimated Design Data:				
(1) Status:				
(a) Date Design Started MAR 20	007			
- · ·	.00			
(c) Date 35% DesignedOCT 20				
(d) Date Design Complete FEB 20				
(e) Parametric Cost Estimating Used to Develop Costs	NO			
(f) Type of Design Contract: Design-build	110			
(2) Basis:				
(a) Standard or Definitive Design: NO				
(3) Total Design Cost (c) = $(a) + (b)$ OR $(d) + (e)$: (\$000))			
(a) Production of Plans and Specifications 2,0				
(b) All Other Design Costs				
(c) Total Design Cost	000			
(d) Contract				
(e) In-house	000			
(4) Construction Contract Award NOV 20	007			
(5) Construction Start MAR 20	800			
(6) Construction Completion SEP 20	009			
B. Equipment associated with this project which will be provided from	n			
other appropriations:				
Fiscal Year				
Equipment Procuring Appropriated (ropriated Cost			
	(\$000)			

1.COMPONENT									2.DATE		
	FY 2	008 MIL:	ITAF	RY CON	ST:	RUCTION I	PROJ:	ECT DATA			
ARMY				03 FEB							
3.INSTALLATION AN			4.PROJECT TITLE								
Afghanistan Va				_							
Afghanistan		 				Power Pi	Lant	1			
5. PROGRAM ELEMENT 6. CATEGORY CODE			£	7.PF	ROJI	ECT NUMBER			COST (\$000)		
								Auth Approp	41,000		
		834				68067		Арргор	41,	000	
			9	O.COST 1	ZST.	IMATES					
	ITEM		UM	(M/E)	<u> </u>	QUAN	TITY		UNITCOST	COST (\$000)	
PRIMARY FACILI										31,482	
Electric Power				e(KW)		30,000		30,000)		-	
Power Plant Bu		_		(SF)		743.22		8,000)	-	-	
Electrical Swi		_	kV	A(KVA)		900	•	900)			
Underground El	Lectri	c Lines	m	(LF)		4,267				-	
Utilidors			m	(LF)		4,267	(14,000)	232.09	(990)	
Total from ((11,027)	
SUPPORTING FAC	CILITI	ES								3,524	
Electric Servi			LS							(18)	
Water, Sewer,	Gas		LS	ļ						(685)	
Paving, Walks,	Curb	s & Gutters	LS	ļ						(513)	
Site Imp(1,80)3) De	mo()	LS	ļ						(1,803)	
Antiterrorism	Measu	res	LS							(505)	
				ļ							
				ļ							
ESTIMATED CONT	TRACT	COST								35,006	
CONTINGENCY PE	ERCENT	(5.00%)		ļ						1,750	
SUBTOTAL				ļ						36,756	
SUPV, INSP & C	OVERHE.	AD (7.70%)								2,830	
DESIGN/BUILD - DESIGN COST				ļ						1,470	
TOTAL REQUEST										41,056	
TOTAL REQUEST (ROUNDED)				ļ						41,000	
INSTALLED EOT-				ļ						(0)	
		-		ļ							
10.Description of Prop	osed Const	truction Con	strı	action	ı a	30 MW pc	ower	plant,	transfor	mer	
substation and associated distribution system for the Base Camp power											

10.Description of Proposed Construction Construction a 30 MW power plant, transformer substation and associated distribution system for the Base Camp power requirement in support of the camp personnel. Site work includes clearing, grubbing, and leveling the area for the power plant and plant operator's building. Power plant will consist of individual enclosed generator platforms, a modular control room, modular switchgear, and required fuel system. A modular plant operator's facility will be constructed to provide an area for 24-hour plant operators, to be used as office area, and bunkhouse.

11. REQ: 30,000 kWe ADQT: NONE SUBSTD: 30,000 kWe PROJECT: Design and construct a 30MW power plant that is needed for the Base Camp power requirements. Provisions for future expansion must be included.

REQUIREMENT: A 30MW power plant expansion is needed for camp to provide reliable power to the Base Camp that does not degrade the overall environment. The design and construction of a 30MW power plant will drastically reduce the expenditures of cost for diesel fuel and cost of maintenance required, which ultimately reduce the government's annual cost for the use of plant power.

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION	PROJECT DATA	2.DATE						
ARMY			03 FEB 2007						
3.INSTALLATION AND	D LOCATION								
Afghanistan Various, Afghanistan									
4.PROJECT TITLE		5.PROJECT N	TUMBER						
Power Plant			68067						
9. COST ESTI	MATES (CONTINUED)								
Item	UM (M/E) QUA		Unit Cost COST (\$000)						
		141 7 7 7	(4000)						
PRIMARY FACILI Modular Contro	TY (CONTINUED) ol Room EA	2 3	377,972 (756)						
Transformers			60,637 (7,943)						
Substation									
Diesel Oil Sto	kVA(KVA) 30,00 prage L (GA) 37,85		74.79 (2,244) 1.11 (42)						
	cls 50/fit join m (LF) 609.6		68.31 (42)						
Duccine iron,	CIS 50/IIC JOIN III (Dr.) 505.0		Total $\frac{(42)}{11,027}$						
CURRENT SITUAT	'ION: Currently the Base Camp does	not have the r	romized prime						
	<u>lon:</u> currencly the base camp does an the use of diesel prime power ge								
~	er \$20M per year. The diesel generat								
_	er \$20M per year. The diesel general stenance and contribute to the poor	_	-						
IMPACT IF NOT	_		_						
	currently over \$20M) to lease the p	_	_						
	erators will continue to require ad		_						
_	entribute to the poor air quality th								
	All required physical security and	_	-						
	sures will be incorporated. Sustain								
=	o the development, design, and cons								
	ential will be incorporated where fe		: project.						
boinc use poce	nicial will be incorporated where re	asible							
	TAL DATA: nated Design Data:								
(1)	Status:								
(1)	(a) Date Design Started		FFD 2007						
	(b) Percent Complete As Of January								
	(c) Date 35% Designed	2007	OCT 2007						
	(d) Date Design Complete								
	(e) Parametric Cost Estimating Use								
	(f) Type of Design Contract: Desi)SCS						
(2)	Basis:								
(2)	(a) Standard or Definitive Design:	NO							
	(a) Scandard of Scrimetive Design.	140							
(3)	Total Design Cost (c) = $(a) + (b)$ OR		(\$000)						
	(a) Production of Plans and Specif								
	(b) All Other Design Costs								
	(c) Total Design Cost								
	(d) Contract		• • •						
	(e) In-house		1,600						

1.COMPONENT				2.DATE		
	FY 2008	MILITARY CONSTRUCTION PROJ	ECT DATA			
ARMY 3.INSTALLATION	AND LOCATION			03 FE	EB 2007	
3.INSTALLATION	AND LOCATION					
Afghanistan	Various, Afghan	istan				
4.PROJECT TITL			5.PROJECT N	IUMBER		
Power Plant				680)67	
12. SUPPLEM	MENTAL DATA: (Co	ontinued)				
		Data: (Continued)				
(4)		Contract Award		NOV	2007	
(5)	Construction	Start		<u>MAR</u>	2008	
(6)	Construction	Completion		MAR	2010	
(0)	CONSCIUCCION	Completion		··· ITAIC	2010	
_	-	ed with this project which	will be pr	covided fr	com	
other appi	ropriations:		n:	. 7 . 7		
Equipmer	n. †	Procuring	Fiscal Year Appropriated Cost			
Nomencla		Appropriation		equested	(\$000)	
	<u></u>	<u></u>	<u> </u>	4	(4007	
		NONE				

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COMPONENT								2.DATE				
	FY 2	008 MII	LITAF	SY CO	NST	RUCTION 1	PROJ:	ECT DATA				
ARMY						T		03	FEB 2007			
3.INSTALLATION AN	D LOCAT				4.PROJECT	TITLE	3					
Camp Adder												
Iraq				Power Pi	lant	1						
5.PROGRAM ELEMENT 6.CATEGORY CODE			Œ	7.F	PROJ	ECT NUMBER				COST (\$000)		
								Auth	39,000			
		812				67994		Approp	39,	000		
			9).COST	EST	IMATES						
	ITEM		UM	(M/E)		QUAI	TITY		UNIT COST	COST (\$000)		
PRIMARY FACILI										31,295		
Electric Power			$kW\epsilon$	e(KW)		30,000	(30,000)	547.00	(16,410)		
Power Plant Bu	ıildin	g	m2	(SF)		743.22	(8,000)	,			
Transformers			EΑ			130			60,000	(7,800)		
Electrical Swi	itchge	ar	kVI	A(KVA)	900	(900)	19.00	(17)		
Diesel Oil Sto	orage		L	(GA)		37,854	(10,000)	1.10	(42)		
Total from Continuation page										(5,690)		
SUPPORTING FAC	CILITI	ES								1,814		
Electric Servi	ice		LS							(64)		
Water, Sewer,	Gas		LS							(750)		
Paving, Walks,	Curb	s & Gutters	LS							(500)		
Site Imp(50	00) De	mo()	LS							(500)		
-												
ESTIMATED CONT	TRACT	COST		-						33,109		
CONTINGENCY PE										1,655		
SUBTOTAL		(,								34,764		
	WERHE	AD (7 70%)								2,677		
SUPV, INSP & OVERHEAD (7.70%) DESIGN/BUILD - DESIGN COST										1,391		
TOTAL REQUEST										38,832		
TOTAL REQUEST (ROUNDED)										39,000		
IOTAL REQUEST (ROUNDED) INSTALLED EQT-OTHER APPROP										(0)		
THOTALLION EQI-		111 1101								(0)		
10 Description of Prop	osed Const	truction Col	l ngt ri	ıctio	n a	30 MW n)Wer	nlant	l transfor	mer		
10.Description of Proposed Construction Construction a 30 MW power plant, transformer												

substation and complete distribution system at LSA Adder in support of the camp personnel. Site work includes clearing, grubbing, and leveling the area for the power plant and plant operator's building. Power plant will consist of individual enclosed generator platforms, a modular control room, modular switchgear, and required fuel system. A modular plant operator's facility will be constructed to provide an area for 24-hour plant operators, to be used as office area, and bunkhouse.

11. REQ: 30,000 kWe ADQT: NONE SUBSTD: 30,000 kWe PROJECT: Design and construct a 30MW power plant and distribution system that is needed for LSA Adder, Iraq. Provisions for future expansion must be included.

<u>REQUIREMENT:</u> A 30MW power plant expansion is needed for LSA Adder, Iraq to provide reliable power to the Base Camp that does not degrade the environment of the LSA. The design and construction of a 30MW power plant will drastically reduce the expenditures of cost for diesel fuel and cost of maintenance required, which ultimately reduce the government's annual cost for the use of plant power. The distribution system will allow for efficient disbursement

1.COMPONENT							2.DATE			
	FY 2008 MIL	ITAF	RY CONS'	TRUCTION E	ROJ	ECT DATA				
ARMY							03 1	FEB 2007		
3.INSTALLATION AND) LOCATION						•			
Camp Adder, Iraq										
4.PROJECT TITLE						5.PROJECT	NUMBER			
Power Plant							6'	7994		
9. COST ESTI	MATES (CONTINUED)									
							Unit	Cost		
Item		UM	(M/E)	QUAN	ГІТҮ		COST	(\$000)		
PRIMARY FACILI	TY (CONTINUED)									
Substation		kV	A(KVA)	30,000	(30,000)	121.23	(3,637)		
Underground El	ectric Lines	m	(LF)	4,267	(14,000)	104.99	(448)		
Utilidors		m	(LF)	4,267	(14,000)	229.66	(980)		
Power Substa./	Switch Sta. Bldg	m2	(SF)	185.81	(2,000)	1,798	(334)		
Ductile Iron,	cls 50/fit joint	m	(LF)	609.60	(2,000)	67.59	(41)		
Information Sy	stems	LS						(50)		
Antiterrorism	Measures	LS						(200)		
							Total	5,690		

REQUIREMENT: (CONTINUED)

without traffic interruption from overhead lines and excessive lengths that decrease efficiency.

CURRENT SITUATION: LSA Adder currently does not have the required prime power other than the use of diesel prime power generators for which cost the government over \$20M per year. The diesel generators are expensive, require extensive maintenance and contribute to the poor air quality on the LSA Adder.

IMPACT IF NOT PROVIDED: LSA Adder will continue to expend large amounts of resources (currently over \$20M) to lease the prime power generation plants. The diesel generators will continue to require additional maintenance and will continue to contribute to the poor air quality on the LSA Adder.

<u>ADDITIONAL:</u> All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	MAR 2007
(b)	Percent Complete As Of January 2007	.00
(C)	Date 35% Designed	OCT 2007
(d)	Date Design Complete	FEB 2008
(e)	Parametric Cost Estimating Used to Develop Costs	NO
<i>(</i> C <i>)</i>		

- (f) Type of Design Contract: Design-build
- (2) Basis:
 - (a) Standard or Definitive Design: NO

1.COMPONENT				2.DATE				
	FY 2008 MILIT	ARY CONSTRUCTION PROJE	ECT DATA					
ARMY				03 FEB 200	7			
3.INSTALLATION A	AND LOCATION							
Camp Adder,	Iraq							
4.PROJECT TITLE			5.PROJECT N	- IUMBER				
Power Plant 67994								
10WC1 11G110				0,001	\dashv			
12. SUPPLEMI	ENTAL DATA: (Continue	.4)						
	imated Design Data: (•						
A. Est.								
		gn Costs						
		ost						
	(d) Contract			· · · ·				
(e) In-house								
(4)	Construction Contra	ct Award		NOV 2007				
(5)	Construction Start.			MAR 2008				
ζ- /								
(6)	Construction Comple	tion		MAR 2009				
(0)	Construction compre	C1011	· • • • • • • • • •	<u>MAR 2005</u>				
. .				' 1 1 6				
-	-	h this project which w	vili be pr	covided from				
other appro	opriations:							
				al Year				
Equipment	į.	Procuring	Appro	opriated Cost				
Nomenclat	ture	Appropriation	Or Re	equested (\$000	0)			
		NONE						
		110112						

1.COMPONENT							2.DATE	
	FY 2	008 MIL	ITARY	CON	STRUCTION PROJ	ECT DATA		
ARMY							03	FEB 2007
3.INSTALLATION AN	D LOCAT	CION			4.PROJECT TITLE	Ε		
Camp Adder					Petroleum O	il & Lub	ricant S	torage
Iraq					Area			
5.PROGRAM ELEMENT	5. PROGRAM ELEMENT 6. CATEGORY CODE		Ξ	7.P	ROJECT NUMBER	8.PROJECT	COST (\$00	0)
						Auth	10,	000
		412			68014	Approp	10,	000
			9.0	COST	ESTIMATES			
	ITEM		UM (M/E)	QUANTITY		UNITCOST	COST (\$000)
PRIMARY FACILI	ITY							7,250
Diesel Oil Sto	orage		L (GA)	18927060 (5000000)	.33	(6,250)
POL Pipeline,	Above	Ground	LS					(1,000)
SUPPORTING FAC	CILITI	ES						1,329
Site Imp(1,25			LS					(1,254)
Information Sy			LS					(75)
	•							,
ESTIMATED CONT	граст	СОСТ						8,579
CONTINGENCY PE								429
SUBTOTAL	пспи	(3.000)						9,008
SUPV, INSP & (MEDHE	AD (7.70%)						694
DESIGN/BUILD -								360
TOTAL REQUEST	DHOI	div cobi						10,062
TOTAL REQUEST	(DOIIN	רמים //						10,002
INSTALLED EQT-								(0)
INSTALLED EQT-	-OIRER	APPROP						(0)
10.Description of Prop		Con	at rua	+ DC	<u> </u> L tanks to inc	ludo gog	ondoru.	
					anical. Suppor		-	0.5
					enstruction of	_		
	_				rds will be me			
		_			ilus Will be me ible POL storag			WOIK as
necessary to p	PLOVIA	e a complete	and	usea	DIE FOD SCOLAG	e raciii	cy.	
11. REQ: 1	10 027	,060 L ADQ	т.		NONE S	UBSTD:	10 02	7,060 L
				0n T		יעומפט:	10,92	7,000 Ц
		ten 500,000	_			T and ha		G
REQUIREMENT:					g with Cedar I		_	_
					ll supply conv	_	_	_
	_				t requires pro		_	
			_		the current b			
					the increased	_	_	
					dating here an			
					continue to in	_		fuel
_					e population i			
CURRENT SITUAT					fuel bladders			
	_	_			bladders occup			
present a larg	ge tar				and have a li		fe span	in the
חח FORM 1391		PREVIOUS	EDITIO	NS MA	AY BE USED INTERNA	LLY	DACI	7 NO 37

1.COMPONENT	FY 2008	MTTTTTDV	CONSTRUCTION		ע הער ה	2.DATE				
ARMY	F1 2008	MILLIARI	CONSTRUCTION	PROUEC	I DAIA	03	FEB 2	2007		
3.INSTALLATION AND LOCATION										
Camp Adder, Ir	aq									
4.PROJECT TITLE				5	.PROJECT 1	NUMBER				
Petroleum Oil	& Lubricant S	Storage Are	ea			(68014			

CURRENT SITUATION: (CONTINUED)

harsh desert environment. Fuel operations are often interrupted due to significant amounts of maintenance these bladders require.

IMPACT IF NOT PROVIDED: Fuel will continue to be stored in deteriorated temporary storage bladders, making fuel transfer more cumbersome and time consuming. Significant amounts of land will continue to be used, making the relocation of closed FOBs to this base more difficult. Bladder maintenance and replacement costs will continue to increase.

<u>ADDITIONAL:</u> All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	MAR	2007
(b)	Percent Complete As Of January 2007		.00
(c)	Date 35% Designed	OCT	2007
(d)	Date Design Complete	FEB	2008
(e)	Parametric Cost Estimating Used to Develop Costs		NO
(f)	Type of Design Contract: Design-build		

(2)	Basis: (a) Standard or Definitive Design: NO	
(3)	Total Design Cost (c) = (a)+(b) OR (d)+(e): (a) Production of Plans and Specifications	400
	(e) In-house	400
(4)	Construction Contract Award	NOV 2007
(5)	Construction Start	MAR 2008
(6)	Construction Completion	MAR 2009

1.COMPONENT						2.DATE	
	FY 20	08 MILIT	ARY CONSTRUCT	ION PROJEC'	T DATA		
ARMY 3.INSTALLATION AN	D LOCATION					03 FE	B 2007
Camp Adder, I	raq						
4.PROJECT TITLE				5	.PROJECT N	UMBER	
Petroleum Oil	& Lubrica	nt Storage	a Area			680	114
Teeroream orr	a habited	iic beorage	. 111 Ca				
		(CONTINU					
B. Equipother other approp			th this projec	t which wi	ll be pr	ovided fr	rom
Other approp	JI I a CIOIIS :				Fisca	l Year	
Equipment			Procuring			priated	Cost
Nomenclati	<u>ire</u>		Appropriation	<u>n</u>	<u>Or Re</u>	quested	(\$000)
			NONE				
			NONE				

1.COMPONENT								2.DATE	
I.COMPONENT	FY 2	008 MTT.1	קעדו	v coi	NSTRUCTION	DR∩.TE	ברת הסתם		
ARMY	11 2	000 11111	LIMI	1 001	VDIROCIION	11001	JCI DAIA		FEB 2007
3.INSTALLATION AN	D LOCAT	ION			4.PROJECT	TITLE		0.5	111111111111111111111111111111111111111
Camp Adder					Waste W	ater	Treatmen	nt and C	ollection
Iraq					Sys	acci	11 Cacine	iic aiia c	0110001011
5.PROGRAM ELEMENT	1	6.CATEGORY CODE		7.P	ROJECT NUMBER		8.PROJECT	COST (\$00	00)
							Auth		800
841					68013		Approp	•	800
		-	9	.COST	ESTIMATES			- ,	
	ITEM		TTM	(M/E)	OIIA	NTITY		UNITCOST	COST (\$000)
PRIMARY FACILI			OP	(11/11/	QOA	IVIIII		ONTT CODT	7,239
Primary Waste	—— Water	Treatment	L/d	(KG)	3,785	(1,000)	792.52	
Sewage/Waste T				(SF)			6,000)	1,798	
Sewage Lift St			EA	(- /			, ,	206,050	
Sewer Pump Sta			EΑ		2			125,000	
Ductile Iron E			m	(LF)	7,010	(23,000)	188.12	
Total from C	_	uation page					,		(1,256)
SUPPORTING FAC									1,100
Electric Servi	Lce		LS						(100)
Water, Sewer,	Gas		LS						(175)
Paving, Walks,	Curb	s & Gutters	LS						(125)
Site Imp(50	00) De	mo()	LS						(500)
Antiterrorism	Measu	res	LS						(200)
ESTIMATED CONT	TRACT	COST							8,339
CONTINGENCY PE	ERCENT	(5.00%)							417
SUBTOTAL									8,756
SUPV, INSP & C									674
DESIGN/BUILD -	- DESI	GN COST							350
TOTAL REQUEST									9,780
TOTAL REQUEST									9,800
INSTALLED EQT-	-OTHER	APPROP							(0)
									<u>i</u>
10.Description of Propo					Wastewater				
Collection Sys									
includes sewer									_
station, emerg	_	_							
measures. Exis								retenti	on and
oxidation pond	ds Wil	I be used to	tne	max:	ımum extent	poss	sible.		
11 DEO.		705 1/3 7000	г.		NONE		ID CUID .		3,785 L/d
11. REQ:		,785 L/d ADQT		11	NONE		JBSTD:		3,785 L/a
<u>PROJECT:</u> Cons REQUIREMENT:		a Wastewater					_		+ 1 ***
~		project is r							
method of coll and removing w									_
creates potent									-
within one year									
disposal sites		ca on carrell		מטט (or bambing	ana (acviild	WUDLCIW	4001 00
CURRENT SITUAT		Most of the	יול ב	i12i,	ng have se	nerat	e gewer	tanke +	hat must
be pumped out									
process is ext									
ingnected and									

1 COMPONENTE					0 DAME	
1.COMPONENT	FY 2008 MIL	JITARY CONST	RUCTION PROJE	CT DATA	2.DATE	
ARMY					03 FEB 2007	
3.INSTALLATION AND	D LOCATION					
Camp Adder, Ir	·aα					
4.PROJECT TITLE	<u> </u>			5.PROJECT N	NUMBER	
Waste Water Tr	reatment and Colle	ection Sys			68	3013
9. COST ESTI	MATES (CONTINUED)					
		-			Unit	Cost
Item		UM (M/E)	QUANTITY		COST	(\$000)
PRIMARY FACILI	TY (CONTINUED)					
PVC, Schedule		m (LF)	1,219 (4,000)	81.69	(100)
Concrete Manho	oles	EA	10		5,600	(56)
Roads, Surface		LS				(1,000)
Standby Genera	tor	EA	4		25,000 _	(100)
					Total	1,256
CURRENT SITUAT	CION: (CONTINUED))				
	tection risk. The		rangfer from	trucks to	n tanke r	regult a
	eaks that leaves s				J Caliks I	.esuics
IMPACT IF NOT			ontinue to in		-lv colle	ect and
	stewater by trucki				_	
	n the installatio					
	ting operations.		<u>.</u>	L		
_	All required phys	sical securi	ty and antite	errorism/f	force	
protection mea	sures will be inc	corporated.	Sustainable p	principles	s will be	3
integrated int	to the development	:, design, a	nd constructi	ion of the	e project	· .
Joint use pote	ential will be inc	corporated w	here feasible	e.		
12. SUPPLEMEN	ITAL DATA:					
	nated Design Data:	•				
	Status:					
(-/		Started		. 	MAR	R 2007
			January 2007.			.00
	(e) Parametric C	Cost Estimat	ing Used to I	Develop Co	osts	NO
	(f) Type of Desi	.gn Contract	: Design-bui	ild		
(0)	Dania.					
(2)	Basis:	Dofinition	Dagies NO			
	(a) Standard or	Delinitive	Design: NO			
(3)	Total Design Cost	(c) = (a) +	(b) OR (d)+(e	e):	(\$	3000)
			Specification			
(4)	Construction Cont	ract Award.			<u>NOV</u>	<u>/ 2007</u>

				,							
1.COMPONENT	EV 2000		יוביטה באיהא	2.DATE]						
ARMY	FY 2008 1	MILITARY CONSTRUCTION PRO	UECI DATA	03 FEB	3 2007						
3.INSTALLATION AN	D LOCATION			05 111	2007						
Camp Adder, Iraq											
4.PROJECT TITLE			5.PROJECT N	IUMBER							
Wagta Wataw Ta	reatment and Co	llogtion Cra		6801	2						
waste water in	leatilient and co.	riection sys		6001	.3						
12. SUPPLEMENTAL DATA: (Continued)											
A. Estimated Design Data: (Continued)											
(5)	Construction S	tart		MAR 2	800						
(6) Construction Completion MAR 2009											
(6)	Construction Co	ompletion		<u>MAR 2</u>	009						
B. Equip	oment associate	d with this project which	will be pr	covided fro	m						
other approp	oriations:										
				al Year							
Equipment		Procuring		-	Cost						
Nomenclati	<u>ire</u>	<u>Appropriation</u>	<u>Or Re</u>	equested	(\$000)						
		NONE									

1.COMPONENT									2.DATE	
I. COMI ONDIVI	FY 2	000 MTT.1	тлру	. COI.	וכידי	סנוכיידר	N DD∩.TI	ECT DATA		
7 DMZZ	11 2	000 11111	·IAKI	COI	1011		N IROU	DAIA		EED 2007
ARMY 3.INSTALLATION AN		TOM				4 DDO TE	CT TITLE	1	0.3	FEB 2007
	D LOCAI	ION				4.PROUE	CI IIILE			
Camp Adder										
Iraq				Multi	Class			Warehouse		
5.PROGRAM ELEMENT 6.CATEGORY CODE				7.Pl	ROJE	ECT NUMB	BER	8.PROJECT	COST (\$00	0)
								Auth	17,	000
		442				68003		Approp	17,	
			9.0	COST	EST:	IMATES				
					1				 	
DDTMADW DAGTE	ITEM		UM (M/E)		Q	UANTITY		UNITCOST	COST (\$000)
PRIMARY FACILI			_ ,							12,205
Multi Class St	orage	Warehouse	m2 (SF)		5,8	12 (62,560)	2,100	(12,205)
GIIDDODETIIC == 1	NTT TOTAL	5 0								0.045
SUPPORTING FAC		<u>ES</u>								2,348
Electric Servi	.ce		LS							(1,600)
Water, Sewer,	Gas		LS							(100)
Paving, Walks,	Curb	s & Gutters	LS							(300)
Site Imp(30			LS							(300)
Antiterrorism			LS							(48)
Ancicellorism	Measu	res	цо							(40)
ESTIMATED CONT	TRACT	COST								14,553
CONTINGENCY PE										728
	ERCENT	(3.00%)								
SUBTOTAL										15,281
SUPV, INSP & C										1,177
DESIGN/BUILD -	DESI	GN COST								611
TOTAL REQUEST										17,069
TOTAL REQUEST	(ROIIN	DED)								17,000
INSTALLED EQT-	OIHER	APPROP								(0)
					<u> </u>				<u> </u>	
10.Description of Prop	osed Const	truction Cons	struc	t a	Mu.	lti-Cl	ass Sto	orage Wa	rehouse	to
support logist	ical	operations fo	or th	e LS	SA A	Adder	area o	f Iraq.	The faci	lity
consists of fo	our ge	neral purpose	sto	rage	e wa	arehou	ses, o	ne cold	storage	
warehouse and	_			_					_	ral
Purpose storag										
management ope							_			•
this space wil	.l be	climate contr	colle	d. S	Supp	portin	g faci:	lities w	ill incl	ude the
related site w	ork,	construction	of s	unsh	nade	es and	concre	ete pads	for mat	erial
storage, concr										
networks and s		_				_	_			_
	_	_							_	
electrical, wa							_	errmeter	rence,	and area
lighting. Air conditioning is estimated to be 75 tons.										

11. REQ: 5,812 m2 ADQT: NONE SUBSTD: NONE PROJECT: Construct a Multi-Class Warehouse to support operations for the LSA Adder.

REQUIREMENT: The current Commander, based on experiences and lessons learned supporting the buildup and operations supporting Operation Iraqi Freedom and

the Global War on Terrorism, requires a logistics distribution center in the

1.COMPONENT						2.DATE		
	FY 2008	MILITARY	CONSTRUCTION	PROJEC	T DATA			
ARMY						03	FEB	2007
3.INSTALLATION AN	D LOCATION					•		
Camp Adder, In	ra a							
camp Adder, II	<u>- ay</u>							
4.PROJECT TITLE				5	.PROJECT	NUMBER		
Multi Class St	orage Wareho	ouse					68003	

REQUIREMENT: (CONTINUED)

region to enable rapid response to regional contingencies. This project is required to provide logistical support for increased inventory and improve the operational efficiency and readiness of the equipment and the installation.

CURRENT SITUATION: Currently, supplies and equipment are store in leased facilities in Kuwait City and even in the open desert environment. In addition to the current physical security concerns, off installation storage generates unnecessary logistics challenges of marrying UBLs with equipment for deploying units. Environmental losses and lease of facilities are much too expensive for the government to continue the burden of cost without an adequate warehouse. COMCFLCC's ability to respond quickly and decisively to regional contingencies continues to be hampered due to the poor desert storage conditions and off installation storage.

IMPACT IF NOT PROVIDED: Failure to build a new facility will not afford the theater the ability to efficiently manage materiel and protect stocks from the harsh desert environment. Lack of protection for the stocks will increase operating cost due to significantly reduced shelf life for the materiel staged and or stored at the existing facility.

ADDITIONAL: The Government of Kuwait provides significant monetary and material assistance and further pursuit of having them fund this action could result in negative impacts on our relations with their Government and reduction in the other assistance they are providing to our forces in their country. All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	MAR 2007
(b)	Percent Complete As Of January 2007	.00
	Date 35% Designed	
(d)	Date Design Complete	FEB 2008
(e)	Parametric Cost Estimating Used to Develop Costs	NO

- (f) Type of Design Contract: Design-build
- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
- (3) Total Design Cost (c) = (a) + (b) OR (d) + (e): (\$000) (a) Production of Plans and Specifications...... 500
 - (b) All Other Design Costs.....

1.COMPONENT				2.DATE
	FY 2008 MILITARY CON	STRUCTION PROJE	ECT DATA	
ARMY				03 FEB 2007
3.INSTALLATION AN	D LOCATION			
Camp Adder, I	22.0			
4. PROJECT TITLE	aq		5.PROJECT N	UMBER
Multi Class St	orage Warehouse			68003
10 CUDDI EMEN	TAL DATA: (Continued)			
	nated Design Data: (Continued)	(bo		
A. ESCII	(c) Total Design Cost			500
	(d) Contract			
	(e) In-house			
(4)	Construction Contract Awar	d		<u>NOV 2007</u>
(5)	Construction Start			<u>MAR 2008</u>
(6)	Construction Completion			<u>SEP 2009</u>
				' 1 1 6
B. Equipother approp	ment associated with this	project wnich v	vill be pr	ovided from
other approp	oriacions:		Figgs	l Year
Equipment	Procur	ina		priated Cost
Nomenclati		riation		quested (\$000)
	<u> </u>		<u> </u>	(4,111)
	NO	NE		

1.COMPONENT							2.DATE						
	FY 2008 MILITARY CONSTRUCTION PROJECT DATA												
ARMY 3.INSTALLATION AND LOCATION 4.PROJECT TITLE							03	FEB 2007					
	D LOCAT	ION					4.PROJECI I	TILE					
Camp Adder									1 D ' .				
Iraq		6 03 000	GODII GODI	,	-	DDOT	Entry Co	ntro	1	COCE /ACC			
5.PROGRAM ELEMENT		6.CATE	GORY CODE	i	/ .	PROJ	ECT NUMBER		8.PROJECT Auth	COST (\$00	•		
			1 - 4				60001		Approp	•	850		
			154	0	COCT	ר דיפיד	68001 TIMATES			4,	850		
				_			-						
DDIMADA DAGILI	ITEM			UM	(M/E	:)	QUANT	TITY		UNITCOST	COST (\$000)		
PRIMARY FACILI		- J TD	D1 -1	0	/ C = 1		100 40	,	1 006\	2 222	3,209		
Installation F			втад		(SF)		120.40	•	1,296)		(389)		
Ground Level S	entry	Post		m2	(SF)	'	5.57	•	60)	1,777	(10)		
Guard Tower		T		EA	/ T TO		1		0 042\	25,000			
Roads, Access		_		m	(LF)	'	3,000		9,843)	658.33	(1,975)		
Protective Bar		_	_	EA			2			107,500	(215)		
Total from C			ı page								(595)		
SUPPORTING FAC		<u>ES</u>		т О							938		
Electric Servi				LS							(825)		
Water, Sewer,				LS							(83)		
Paving, Walks,	Curb	S & Gl	itters	LS							(30)		
ESTIMATED CONT	ים א כייי	COCT									4,147		
CONTINGENCY PE			1061								207		
SUBTOTAL	IKCENI	(3.0	00%)								4,354		
SUPV, INSP & C	WEDUE.	7D (5	7 70%\								335		
DESIGN/BUILD -											174		
TOTAL REQUEST	DEOT!	CIN COL	<i>,</i>								4,863		
TOTAL REQUEST	(POITM	レモレノ									4,850		
INSTALLED EQT-			מו	1							4,850		
TMOINDED EGI-	OIRER	AFFR) E								(0)		
				1									

10.Description of Proposed Construction Construct an entry control point and access road. Primary facilities will include the following; the required kilometers of paving to connect to the nearest large road (Highway), construction of a guard tower for the entry control point (ECP), and installation of several force protection requirements for the gate. Force protection improvements include pop-up barriers on ingress and egress routes, electronic gates, support buildings, lights, and communications cabling to allow installation of under vehicle cameras, full vehicle x-ray system, monitors, and intercom system. Supporting facilities include site utilities and site improvements.

11. REQ: 1 EA ADQT: NONE SUBSTD: NONE PROJECT: Construct an Entry Control Point at LSA Adder, Iraq.

REQUIREMENT: Another ECP is needed to alleviate congestion at the only existing ECP and improve force protection by providing a second access point for quick entry/exit of the base in the event of an emergency. This new ECP will be located at another point of an industrial type area of LSA Adder and is defined in the current Base Camp Master Plan. This additional Entry Control Point will allow direct access to convoy support of supply and material storage.

1.COMPONENT						2.DATE	
	FY 2008	MILITARY	CONSTRUCTION	PROJE	ECT DATA		
ARMY						03	FEB 2007
3.INSTALLATION AN	D LOCATION						
Camp Adder, In	raq						
4.PROJECT TITLE					5.PROJECT N	UMBER	
Entry Control	Point					6	8001
9. COST EST	MATES (CONTINU	JED)					
						Unit	Cost
Item		UM (N	M/E) QUA	YTITK		COST	(\$000)
PRIMARY FACILI	TY (CONTINUED)	_					
Gate, Sliding	Electric	EA		2	2	25,000	(450)
Exterior Light	ing	LS					(50)
Under-Vehicle	Camera System	EA		1		25,000	(25)
Light Set, Tra	affic Control	EA		2		35,000	(70)
						Total	595

CURRENT SITUATION: There is not a sufficient number of ECPs currently at LSA Adder, near its main logistics hub, where it receives many large convoys each day. The number of supply trucks arriving and departing each day is expected to reach close to 1,000 in the next few months. The current ECP often has traffic backed up for over two or more kilometers due to the large number of vehicles using the gate. The current truck route between the ECP and the new convoy support center/supply storage runs through undesired living the work areas.

IMPACT IF NOT PROVIDED: The population of LSA Adder is expected to increase by thousands over the next several months. This increase in population will exacerbate an already dangerous situation. The wait time to access the base can be 30 minutes or more due to the large number of vehicles using the ECP. This places the soldiers at risk of attack while they are waiting. The risk for a serious accident on the post will increase dramatically as the population doubles and the number of supply vehicles approaches 1,000 or more a day since the truck route runs through a heavily populated part of the camp ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	MAR 2007
(b)	Percent Complete As Of January 2007	.00
(C)	Date 35% Designed	OCT 2007
(d)	Date Design Complete	FEB 2008
(e)	Parametric Cost Estimating Used to Develop Costs	NO

- (f) Type of Design Contract: Design-build
- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:

1.COMPONENT				2.DATE
1. Com ondivi	FY 2008	MILITARY CONSTRUCTI	ON PROJECT DATA	2.51112
ARMY 3.INSTALLATION	03 FEB 200			
	THIS LOCALITON			
Camp Adder,			1	
4.PROJECT TITLE	1		5.PROJECT	NUMBER
Entry Contro	l Point			68001
10 GIIDDI EN				
	<u>IENTAL DATA:</u> (Cor imated Design Da			
		(00110111404)		
(3)	(a) Production(b) All Other(c) Total Des(d) Contract	Cost (c) = (a)+(b) (con of Plans and Spectary Costssign Costs	rifications	<u>150</u> <u>150</u>
(4)	Construction (Contract Award		<u>NOV 2007</u>
(5)	Construction S	Start		<u>MAR 2008</u>
(6)	Construction (Completion		MAR 2009
other appr	opriations:	ed with this project	Fisc	al Year
Equipmen Nomencla		Procuring Appropriation		opriated Cost equested (\$00
		NONE		
		1.01.2		

1.COMPONENT							2.DATE		
7.5144	FY 2	008 MI	LTTARY	CONS	TRUCTION	PROJ	ECT DATA		
ARMY 3.INSTALLATION AND LOCATION 4.PROJECT TITLE							03	FEB 2007	
		ION			4.PROJECT	L IIILLE	ı		
Al Asad Air Ba	ase								
Iraq	,	c			Power		0 550 750	G0GT (*00	(0)
5.PROGRAM ELEMENT		6.CATEGORY CO	DE	7.PRO	JECT NUMBE	R		COST (\$00	•
							Auth Approp	40,	
		812			67992		Арргор	40,	000
			9.0	OST ES	TIMATES				
	ITEM		UM (M/E)	QU	ANTITY		UNITCOST	COST (\$000)
PRIMARY FACIL:									31,555
Electric Power			kWe(30,00				
Power Plant Bu	uildin	g	m2 (SF)	743.22	2 (8,000)	-	
Transformers			EA			1		60,000	
Electrical Sw:	itchge	ar	kVA(KVA)	900	0 (900)	19.00	
Substation			kVA(KVA)	30,000	0 (30,000)	121.23	(3,637)
Total from (Contin	uation page							(2,295)
SUPPORTING FAC		<u>ES</u>							2,614
Electric Serv	ice		LS						(64)
Water, Sewer,	Gas		LS						(500)
Paving, Walks,	, Curb	s & Gutters	LS						(500)
Storm Drainage	Э		LS						(250)
Site Imp(80	00) Dei	mo()	LS						(800)
Antiterrorism	Measu:	res	LS						(500)
ESTIMATED CONT	TRACT (COST							34,169
CONTINGENCY PR	ERCENT	(5.00%)							1,708
SUBTOTAL									35,877
SUPV, INSP & 0	OVERHE	AD (7.70%)							2,763
DESIGN/BUILD -	- DESI	GN COST							1,435
TOTAL REQUEST									40,075
TOTAL REQUEST	(ROUN	DED)							40,000
INSTALLED EQT-									(0)
~ 									
10.Description of Prop	osed Const	ruction CO	nstruci	tion	a 30 MW 1	oower	plant.	transfor	mer

substation and associated distribution system at Al Asad in support of the camp personnel. Site work includes clearing, grubbing, and leveling the area for the power plant and plant operator's building. Power plant will consist of individual enclosed generator platforms, a modular control room, modular switchgear, and required fuel system. A modular plant operator's facility will be constructed to provide an area for 24-hour plant operators, to be used as office area, and bunkhouse.

11. REQ: 30,000 kWe ADQT: NONE SUBSTD: 30,000 kWe PROJECT: Design and construct a 30MW power plant expansion that is needed for Al Asad, Iraq. Provisions for future expansion must be included.

REQUIREMENT: A 30MW power plant expansion is needed for Al Asad, Iraq to provide reliable power to the Base Camp that does not degrade the environment. The design and construction of a 30MW power plant will drastically reduce the expenditures of cost for diesel fuel and cost of maintenance required, which ultimately reduce the government's annual cost for the use of plant power.

1.COMPONENT							2.DATE	
	FY 2008 MIL	ITAF	RY CONST	RUCTION E	ROJ	ECT DATA		
ARMY							03	FEB 2007
3.INSTALLATION AND	LOCATION						_	
Al Asad Air Ba	se, Iraq					_		
4.PROJECT TITLE						5.PROJECT	NUMBER	
Power Plant							6'	7992
9. COST ESTI	MATES (CONTINUED)	_						
							Unit	Cost
Item		UM	(M/E)	QUANT	CITY		COST	(\$000)
PRIMARY FACILI	TY (CONTINUED)							
Diesel Oil Sto	rage	L	(GA)	37,854	(10,000)	1.10	(42)
Utilidors		m	(LF)	4,267	(14,000)	229.66	(980)
Underground El	ectric Lines	m	(LF)	4,267	(14,000)	104.99	(448)
Power Substa./	Switch Sta. Bldg	m2	(SF)	185.81	(2,000)	1,798	(334)
Ductile Iron,	cls 50/fit joint	m	(LF)	609.60	(2,000)	67.59	(41)
Information Sy	stems	LS						(50)
Antiterrorism	Measures	LS						(400)
							Total	2,295

CURRENT SITUATION: Al Asad currently does not have the required prime power other than the use of diesel prime power generators for which cost the government over \$20M per year. The diesel generators are expensive, require extensive maintenance and contribute to the poor air quality on Al Asad.

IMPACT IF NOT PROVIDED: Al Asad will continue to expend large amounts of resources (currently over \$20M) to lease the prime power generation plants. The diesel generators will continue to require additional maintenance and will continue to contribute to the poor air quality on Al Asad.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be

protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	FEB 2007
(b)	Percent Complete As Of January 2007	.00
(C)	Date 35% Designed	OCT 2007
(d)	Date Design Complete	FEB 2008
(e)	Parametric Cost Estimating Used to Develop Costs	NO

- (f) Type of Design Contract: Design-build
- (2) Basis:
 - (a) Standard or Definitive Design: NO

(3)	Tota	l Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$:	(\$000)
	(a)	Production of Plans and Specifications	1,400
	(b)	All Other Design Costs	
		Total Design Cost	
	(d)	Contract	1,400

1.COMPONENT				2.DATE	
	FY 2008	MILITARY CONSTRUCTION PROJ	JECT DATA		
ARMY				03 FE	B 2007
3.INSTALLATION A	ND LOCATION				
Al Asad Air B	ase, Iraq				
4.PROJECT TITLE			5.PROJECT N	NUMBER	
Power Plant				679	192
	NTAL DATA: (Cor				
A. Esti	mated Design Da	ata: (Continued)			
	(e) In-house.				
(4)	Construction C	Contract Award		<u>NOV</u>	2007
(5)	Construction S	Start		<u>MAR</u>	2008
(6)	Construction (Completion		<u>MAR</u>	2009
				•	
B. Equi	pment associate	ed with this project which	will be pr	rovided fr	om
other appro	priations:				
			Fisca	al Year	
Equipment		Procuring	Appro	opriated	Cost
Nomenclat		Appropriation		equested	(\$000)
		NONE			

1.COMPONENT										2.DATE		
	FY 2	800	MILI	ſTARY	CON	ISTF	RUCTION	I PROJE	ECT DATA			
ARMY										03	FEB	2007
3.INSTALLATION AN		'ION					4.PROJEC	TITLE				
Al Asad Air Ba	ase											
Iraq		1							nstruction			
5.PROGRAM ELEMENT	1	6.CATEGORY	CODE		7.PF	ROJE	CT NUMBE	∃R	8.PROJECT			
	l	1							Auth Approp		,100	
		834	Ł	0.6	- 2 CM	- am	68022		Approb	3,	,100	
				9.0	.0S'T 1	ESTI	MATES		1		,	
TOTAL TOTAL TOTAL	ITEM			UM (1	M/E)	-	JQ	UANTITY		UNITCOST	COS	ST (\$000)
PRIMARY FACILI		\			ļ							2,455
Foundation Lay				LS								(299)
Gas Collection	-			LS	ļ							(539)
Geomembrane Ba				LS	ļ							(523)
Compacted Barr				LS LS								(410) (564)
Drainage Layer Total from (wation no	. ~ ~	ГЭ								(120)
SUPPORTING FAC			ige	 							+	209
Electric Servi		<u>E5</u>		LS								209 (79)
Site Imp(13		ma ()	LS								(130)
DICC IMP (I	, DC,	iiiO (,	ш								(100,
					ļ							
ESTIMATED CONT	rract	COST		1						<u> </u>	†	2,664
CONTINGENCY PE			J									133
SUBTOTAL		15 : : .			ļ							2,797
SUPV, INSP & C	OVERHE.	AD (7.70)왕)									215
DESIGN/BUILD -			,									112
TOTAL REQUEST												3,124
TOTAL REQUEST	(ROUN	DED)										3,100
INSTALLED EQT-												(0)
· -												•
10.Description of Prop	osed Const	truction	Cons	struc	t a	thr	cee acr	re land	dfill fo	r a safe	<u></u>	
disposal of ir												.e
planned projec												
and leachate o												
specific varia												
conditions dur							_	_	_			
construction,												
necessary work												
existing nonst												
11. REQ:		1 ha	ADQT	Γ:			NONE	SI	JBSTD:		NON	E
PROJECT: Cons	struct	a 2.5 ac	re]	Landf	ill	to	handle	30-tc	on per da	ay solid	d was	te
generated at A	Al Asa	d.										

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

solid waste generated by Al Asad. This landfill will augment incinerators already in use on the complex by safely disposing of solid waste not

incinerated and disposal of the incinerator ash. This landfill will also be used for the remediation of already accumulated waste from open dumps and nonstandard hastily constructed landfill currently being used if funds are

This landfill is to dispose of approximately 30 tons per day of

1.COMPONENT	EV 2000 MII	TEADY CONC	MDIIGMION DDOIT		2.DATE	
ARMY	FY 2008 MIL	ITARY CONS	TRUCTION PROJE	ECI DATA	03 FEB 2007	
3.INSTALLATION AN	D LOCATION					2007
Al Asad Air Ba	ase, Iraq			T		
4.PROJECT TITLE				5.PROJECT NU	MBER	
Landfill Const	truction				6:	8022
	21 40 0 1 0 1 1					0022
9. COST EST	IMATES (CONTINUED)					
					Unit	Cost
Item		UM (M/E)	QUANTITY	(COST	(\$000)
PRIMARY FACIL	ITY (CONTINUED)					
Perimeter Fend		LS				(45)
Haul Road	, , , , , , , , , , , , , , , , , , , ,	LS				(50)
Modular Buildi	ing	LS				(25)
				ŗ	Total	120
REQUIREMENT:	(CONTINUED)	_				
	ring the design pro			onditions i	not requ	uiring
_	iner or gas collec	-				
CURRENT SITUAT			ills without o	-		
	ollection system to	_		_		
	waste is currently	_			_	_
	arge open pit. Thre					ed in
	ly ash from incine	rators wil	I require legi	itimate mea	ans of	
disposal.			1 1			_
IMPACT IF NOT			l be continued	_		
	landfill and perpe [.] Solid waste to in				_	ne
_	andfills will remai			_		7. 7
	tinue to burn large	_	_		_	
	on camp to the har			day willeli	wiii ez	xpose
ADDITIONAL:	All required phys.			erroriem/f	orce	
	asures will be inco		-			ے
	to the development					
	ential will be inco				project	.
1		1				
	NTAL DATA:					
A. Estir	mated Design Data:					
(1)	Status:					
						R 2007
			January 2007.			.00
			ting Used to I		sts	NO
	(f) Type of Design	gn Contrac	t: Design-bui	ild		
(0)	D					
(2)	Basis:	D. 64	Dog! 370			
	(a) Standard or 1	perinitive	Design: NO			
(2)	Total Dogian Cost	(a) - (a)	(b) OP (d) (a).	1	\$000)
(3)	Total Design Cost (a) Production of		+(b) OR (d)+(e d Specification			•
	(a) Production O.	r rialls all	a specification		• • • • • • • • • • • • • • • • • • • •	145

1.COMPONEN	T	I			2.DATE
		F	Y 2008 MILITARY CONSTRUCT	ION PROJECT DATA	
ARMY 3.INSTALLA		D LOCAT	ION		03 FEB 2007
Al Asad .		ase, I	raq	-	
4.PROJECT	TITLE			5.PROJECT 1	NUMBER
Landfill	Const	tructi	on		68022
10 0	D				
12. SUP A.			ATA: (Continued) Design Data: (Continued)		
21.	прст		All Other Design Costs		• • • •
		(C)	Total Design Cost		125
			Contract		
		(e)	In-house	• • • • • • • • • • • • • • • • • • • •	125
	(4)	Const	ruction Contract Award		<u>NOV 2007</u>
	(5)	Const	ruction Start		<u>MAR 2008</u>
	(6)	Const	ruction Completion		<u>MAR 2009</u>
В.			associated with this projec	t which will be p	rovided from
other	approp	priati	ons:	Fica	al Year
Equi:	pment		Procuring		opriated Cost
	nclati	ure	Appropriatio		equested (\$000)
			NONE		

1.COMPONENT									2.DATE	
	FY 2	008	MIL	ITAF	Y CON	NSTRUCTION	PROJ:	ECT DATA		
ARMY									03	FEB 2007
3.INSTALLATION AN	D LOCAT	ION				4.PROJECT	TITLE	3		
Al Asad Air Ba	ase									
Iraq						Urban B		1		
5.PROGRAM ELEMENT		6.CATEG	ORY CODI	Ξ	7.P	ROJECT NUMBER			COST (\$00	
							Auth Approp	43,		
			851		COCIT	68006 ESTIMATES		Арргор	43,	000
				_						
PRIMARY FACIL	ITEM			UM	(M/E)	QUA	NTITY		UNITCOST	COST (\$000) 34,081
Base & Shoulde				m 2	(CY)	1/20007	, ,	10000601	10 11	
Culverts & Hea		c		EA	(CI)	1438097)	1880960)	19.11 9,200	
Asphalt Paving		D			(SF)			9659631)		
Centerline & F	_	f Pave	ment	m	(LF)	*		9497244)		(2,184)
cencerrine a r	age o	I Iave	merre		(11)	2031700		J1J / Z11 /	.,3	(2,101)
SUPPORTING FAC	CILITI	ES								2,975
Site Imp(2,9	75) De	 mo()	LS						(2,975)
ESTIMATED CONT	TRACT	COST								37,056
CONTINGENCY PH			N용)							1,853
SUBTOTAL	ш	(3.0	00,							38,909
SUPV, INSP & (WEDUE.	۸D (7	.70%)							2,996
DESIGN/BUILD										1,556
TOTAL REQUEST	- DEST	GIN COS	1							43,461
	/ DOIN	/ טבט								
TOTAL REQUEST			D							43,000
INSTALLED EQT-	-OIHER	APPRO.	P							(0)
10.Description of Prop			Con	a + 201	at ar	<u>l</u> nd upgrade	2 00	lem / E.C. m	ilo) IIrb	2n
Bypass Road (
areas for Al A										
construction of		_	_			_				
Paving and rig	_	_	_						_	_
military traff										
grading, and b					_	_	_			
support struct		_				_				-
specific engir				fea	tures	s, and all	work	as requ	ired to	provide
a complete and	d usea	ble ro	ad.							
11 276										
11. REQ:			m ADQ		,	NONE		UBSTD:		NONE
	struct	90km 1	Urban	Вура	ss/Co	ounter IED	Rout	e, in th	e vicini	ty of Al
Asad, Iraq.										
REQUIREMENT:			_	_		raffic thr	_			
existing roads										
small arms att										
an alternate i	route	around	this	city	, it	will reduc	e th	at threa	t and re	duce the
contentions II	nred	anca 1.7	ithin	the.	citar	The new r	heo.	will ind	ornorato	

1.COMPONENT	T377	2000	MTT TENANS	CONCEDICETON	DDO TEC	ים האשא	2.DATE		
ARMY	ΡY	2008	MILLITARY	CONSTRUCTION	PROJEC	I DATA	03	FEB	2007
3.INSTALLATION AND	D LOCATIO	N					- 03		2007
Al Asad Air Ba	ase, Ira	ıq							
4.PROJECT TITLE					5	.PROJECT 1	NUMBER		
Urban By Pass	Road							68006	5

REQUIREMENT: (CONTINUED)

features that will make it more difficult for anti-Iraqi forces to emplace and employ improvised explosive devices, as well as minimize the hazard from detonated IED's.

CURRENT SITUATION: Significant numbers of military convoys are subject to increased exposure to IED attacks when they transit though densely populated areas of Al Asad, Iraq. When they transit through these areas, convoys have to slow down and get intermingled with civilian traffic, which makes them an easier target of small arms fire and explosive devices. As a result of these attacks, noncombatants are exposed to unacceptable risks to life and limb. IMPACT IF NOT PROVIDED: Failure to provide these bypasses will result in continued exposure of US and Coalition forces as well as Iraqi non-combatants to unacceptable IED and Insurgent threats. As a result, we will continue to lose critical manpower and Equipment to these threats.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the project development, design, and construction of the project. Joint use potential will be incorporated where feasible.

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	_MAR	2007
(b)	Percent Complete As Of January 2007		.00
(C)	Date 35% Designed	OCT	2007
(d)	Date Design Complete	FEB	2008
(e)	Parametric Cost Estimating Used to Develop Costs		NO

- (f) Type of Design Contract: Design-build

(2)	Basis: (a) Standard or Definitive Design: NO
(3)	Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications. 1,700 (b) All Other Design Costs. 1,700 (c) Total Design Cost 1,700 (d) Contract. 1,700
	(e) In-house1,700
(4)	Construction Contract Award
(5)	Construction Start MAR 2008
(6)	Construction Completion MAR 2009

1.COMPONENT	FW 0000	MII IMADU GONGEDIIGE		2.DATE				
7 7 7 7 7 7 7	FY 2008	MILITARY CONSTRUCT	ION PROJECT DATA	02 555	\ T			
ARMY 3.INSTALLATION AN	ID I.OCATION			03 FEB 200) /			
	2 2001111011							
Al Asad Air Ba	Al Asad Air Base, Iraq							
4.PROJECT TITLE								
Urban By Pass	Road			68006				
	NTAL DATA: (Co							
A. Estir	mated Design I	Data: (Continued)						
B. Equipother other approp		ed with this projec	t which will be p	rovided from				
			Fisca	al Year				
Equipment		Procuring		opriated Cost	<u>۔</u>			
Nomenclati	ıre	Appropriatio		equested (\$00	00)			
		NONE						

	FY 2	800	MIL	TARY	CONS	TRUCTION PRO	OJECT DATA		
ARMY								03	FEB 2007
3.INSTALLATION AN	D LOCAT	'ION				4.PROJECT TI	TLE		
LSA Anaconda									
Iraq						Landfill	Constructi	on	
5.PROGRAM ELEMENT	ı	6.CATEG	ORY CODE		7.PRC	JECT NUMBER	8.PROJECT	COST (\$00	00)
							Auth	6,	200
			834			68020	Approp	6,	200
				9.C	OST ES	STIMATES			
	ITEM			1) MU	M/E)	QUANTI	TY	UNIT COST	COST (\$000)
PRIMARY FACIL	YTI								4,869
Foundation Lay	er (5	acres)	LS		_	_		(598)
Gas Collection	1 Laye	r		LS		_	_		(1,078)
Geomembrance I	_		r	LS		_	_		(1,045)
Compact Barrie		-		LS		_	_		(820)
Drainage Layer				LS		_	_		(1,128)
Total from (uation	page						(200)
SUPPORTING FAC			F 2 -						458
Electric Serv				LS		_	_		(158)
Site Imp(30		mo ()	LS		_	_		(300)
Dicc imp()	, DC	1110 (,	шо					(300)
ESTIMATED CONT									5,327
CONTINGENCY PR	ERCENT	(5.0	0왕)						266
SUBTOTAL									5,593
SUPV, INSP & 0	OVERHE	AD (7	.70%)						431
DESIGN/BUILD -	- DESI	GN COS	T						224
TOTAL REQUEST									6,248
TOTAL REQUEST	(ROUN	DED)							6,200
INSTALLED EQT-	OTHER	APPRO	P						(0)
10.Description of Prop	osed Const	truction	Cons	struct	af	ive acre la	ndfill for	a safe	disposal
of incinerator	ash	and ot	her sol	lid wa	aste	generated a	t LSAA. Th	e planne	d
project consis									
leachate colle									
specific varia									
conditions du									
construction,									
necessary work									
existing nonst				Tere	and	usable land.	IIII and I	emediace	
existing nonst	Januar	u Tanu	1111.						
11 DEO.			2 7 00			NONE	CIDCED.		NONE
11. REQ:	· ·	2 h			רוני	NONE	SUBSTD:	J7'	NONE
		a IIV	e acre	Tand		to handle 6	o-con per	day soli	d waste
generated at I		1 10	277 '	L - 3	!		J	.	da C
REQUIREMENT:						e of approx			
solid waste ge									
in use on the									
disposal of th									
remediation of		_				_	_		
hagtily congti	110+0d	landf	ill ann	rpnt	ltz ha	ing need if	funde are	identif	i ed

1.COMPONENT

2.DATE

1.COMPONENT					2.DATE	
FY	2008 MILITAR	RY CONSTRUCTIO	N PROJE	ECT DATA		
ARMY					03	FEB 2007
3.INSTALLATION AND LOCATION	ON					
LSA Anaconda, Iraq						
4.PROJECT TITLE				5.PROJECT N	UMBER	
Landfill Construction	n					68020
9. COST ESTIMATES	(CONTINUED)					
					Unit	Cost
Item	UM	(M/E) QU	ANTITY		COST	(\$000)
PRIMARY FACILITY (CO	NTINUED)					
Perimeter Fence (2,5	00') LS					(75)
Haul Roads (24'x1000	') LS					(100)
Modular Building	LS					(25)
					Total	200

REQUIREMENT: (CONTINUED)

during the design process due to geologic conditions not requiring a synthetic liner or gas collection system.

CURRENT SITUATION: Open dumps and landfills without designed liner materials or leachate collection system to protect groundwater are being used. All excess solid waste is currently placed in hastily constructed nonstandard landfills or being burned in a large open pit. Three 64-ton incinerators will be constructed in FY07. The daily ash from incinerators will require environmentally safe means of disposal.

IMPACT IF NOT PROVIDED: Solid waste will be continued to be placed in a non-standard landfill and perpetuate the possibility of contaminating the ground water. Solid waste to include scrap metals in open dumps and nonstandard landfills will remain mingled and not be properly disposed. LSAA will continue to burn large amounts of trash each day which will expose the personnel on camp to the hazardous smoke.

<u>ADDITIONAL:</u> All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

12. SUPPLEMENTAL DATA:

(2)

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	MAR 2007
(b)	Percent Complete As Of January 2007	.00
(C)	Date 35% Designed	OCT 2007
(d)	Date Design Complete	FEB 2008
(e)	Parametric Cost Estimating Used to Develop Costs	NO
(f)	Type of Design Contract: Design-build	

- - Basis:
 (a) Standard or Definitive Design: NO

1.COMPONENT			2.DATE
	FY 2008 MILITARY CONSTRUCTION PR	OJECT DATA	
ARMY			03 FEB 2007
3.INSTALLATION AN	ID LOCATION		
LSA Anaconda,	Iraq		
4.PROJECT TITLE		5.PROJECT N	- UMBER
Landfill Const	cruction		68020
		<u></u> '	
12. SUPPLEMEN	NTAL DATA: (Continued)		
A. Estir	mated Design Data: (Continued)		
	(b) All Other Design Costs		
	(c) Total Design Cost		
	(d) Contract		
	(e) In-house		
	(e) 111-110use		
(4)	Construction Contract Award		<u>NOV 2007</u>
(5)	Construction Start		MAR 2008
(6)	Construction Completion		<u>MAR 2009</u>
	pment associated with this project whic	h will be pr	ovided from
other approp	priations:		
		Fisca	l Year
Equipment	Procuring	Appro	priated Cost
Nomenclati	are Appropriation	<u>Or</u> Re	quested (\$000)
	NONE		

1.COMPONENT									2.DATE	
	FY 2008 MILITARY CONSTRUCTION PROJECT DATA									
ARMY								03	FEB 2007	
3.INSTALLATION AN	D LOCAT	CION			4.PROJEC	T TITL	Ε			
LSA Anaconda										
Iraq				Power Plant						
5.PROGRAM ELEMENT 6.CATEGORY C			DE 7.1		ROJECT NUMBER		8.PROJECT COST (\$000)			
								Auth 39,000		
812					67990			Approp 39,000		
			9.	COST ES	STIMATES					
ITEM			UM	(M/E)	JQ	JANTITY		UNITCOST	COST (\$000)	
PRIMARY FACILITY									31,155	
Electric Power, Oil-Fired			kWe		30,00		30,000)			
Power Plant Building			m2	(SF)	743.2		8,000)	1,798	(1,336)	
Electrical Switching Station				(KVA)		0 (900)		, ,	
Underground Electric Lines			m	(LF)	4,26	7 (14,000)	104.99	(448)	
Utilidors			m	(LF)	4,26	7 (14,000)	229.66	,	
Total from Continuation page									(11,964)	
SUPPORTING FACILITIES									2,332	
Electric Service			LS						(32)	
Water, Sewer, Gas			LS						(500)	
Paving, Walks, Curbs & Gutters			LS						(500)	
Site Imp(800) Demo()			LS						(800)	
Antiterrorism Measures			LS						(500)	
									ı	
									ı	
									ı	
									İ	
ESTIMATED CONTRACT COST									33,487	
CONTINGENCY PERCENT (5.00%)									1,674	
SUBTOTAL									35,161	
SUPV, INSP & OVERHEAD (7.70%)									2,707	
DESIGN/BUILD - DESIGN COST									1,406	
TOTAL REQUEST									39,274	
TOTAL REQUEST (ROUNDED)									39,000	
INSTALLED EQT-OTHER APPROP									(0)	
									()	
10.Description of Prop	osed Const	truction Con	struc	ction	a 30 MW	power	plant,	transfor	mer	
gubgtation and						-	-			

10.Description of Proposed Construction Construction a 30 MW power plant, transformer substation and associated distribution system at Anaconda in support of the camp personnel. Site work includes clearing, grubbing, and leveling the area for the power plant and plant operator's building. Power plant will consist of individual enclosed generator platforms, a modular control room, modular switchgear, and required fuel system. A modular plant operator's facility will be constructed to provide an area for 24-hour plant operators, to be used as office area, and bunkhouse.

11. REQ: 90,000 kWe ADQT: 60,000 kWe SUBSTD: 30,000 kWe PROJECT: Design and construct a 30MW power plant that is needed for Anaconda, Iraq. Provisions for future expansion must be included.

REQUIREMENT: A 30MW power plant expansion is needed for Anaconda, Iraq to

provide reliable power to the Base Camp that does not degrade the environment of the LSA. The design and construction of a 30MW power plant will drastically reduce the expenditures of cost for diesel fuel and cost of maintenance required, which ultimately reduce the government's annual cost for the use of plant power.

1.COMPONENT						2.DATE	
FY 2008 MI	LITA	RY CONS	STRUCTION F	ROJ	ECT DATA		
ARMY						03	FEB 2007
3.INSTALLATION AND LOCATION							
LSA Anaconda, Iraq							
4.PROJECT TITLE					5.PROJECT	NUMBER	
Power Plant						6	7990
9. COST ESTIMATES (CONTINUED)						
						Unit	Cost
Item	UM	(M/E)	QUANT	TTTY	Z	COST	(\$000)
PRIMARY FACILITY (CONTINUED)							
Power Substa./Switch Sta. Bldg		(SF)	185.81	•		1,798	(334)
Transformers	EA		131			60,000	·
Substation		A(KVA)			30,000)		·
Diesel Oil Storage		(GA)			10,000)		(42)
Ductile Iron, cls 50/fit joint		(LF)	609.60	(2,000)	67.59	(41)
Information Systems	LS						(50)
						Total	11,964
CURRENT SITUATION: Anaconda		_			_	_	e power
other than the use of diesel p		_	_				
government over \$20M per year.			_		_	_	
extensive maintenance and cont	ribut	te to t	the poor ai	rç	quality on	Anacond	a.

other than the use of diesel prime power generators for which cost the government over \$20M per year. The diesel generators are expensive, require extensive maintenance and contribute to the poor air quality on Anaconda.

IMPACT IF NOT PROVIDED: Anaconda will continue to expend large amounts of resources (currently over \$20M) to lease the prime power generation plants. The diesel generators will continue to require additional maintenance and will continue to contribute to the poor air quality on Anaconda.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be

protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	<u>MAR</u>	2007
(b)	Percent Complete As Of January 2007		.00
(C)	Date 35% Designed	OCT	2007
(d)	Date Design Complete	FEB	2008
(e)	Parametric Cost Estimating Used to Develop Costs		NO

- (f) Type of Design Contract: Design-build
- (2) Basis:
 - (a) Standard or Definitive Design: NO

(3)	Tota	1 Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$:	(\$000)
	(a)	Production of Plans and Specifications	1,400
	(b)	All Other Design Costs	
		Total Design Cost	
	(d)	Contract	
	(e)	In-house	1,400

1.COMPONENT	EV 2000 MILTER	A D.V. CONCEDITONI DDO TI		2.DATE	
ARMY	FY 2008 MILIT	ARY CONSTRUCTION PROJE	ICT DATA	03 FE	B 2007
3.INSTALLATION A	AND LOCATION			4	
TCA Anagonda	T ~				
LSA Anaconda, 4.PROJECT TITLE	ıraq		5.PROJECT N	NUMBER	
Power Plant				679	90
12. SUPPLEMI	ENTAL DATA: (Continue	d)			
	imated Design Data: (
(4)	Construction Contra	ct Award		NOV	2007
(17)	COllect decitori Collecta	Ct Award	, 	, <u>INO v</u>	2007
(5)	Construction Start.			<u>MAR</u>	2008
(6)	Construction Comple	tion		<u>MAR</u>	2010
		h this project which w	will be pr	rovided fr	om
other appro	opriations:		Figgs	al Year	
Equipment	_	Procuring		opriated	Cost
Nomenclat		Appropriation		equested	(\$000)
		NONE			

1.COMPONENT							2.DATE	
ARMY	FY 2	008 MII	LI'I'Al	RY CON	ISTRUCTION PROJ	JECT DATA		FEB 2007
3.INSTALLATION AND	LOCAT	ION			4.PROJECT TITL	E	0.5	1 HD 2007
LSA Anaconda								
Iraq					Urban By Pa	ss Road		
5.PROGRAM ELEMENT		6.CATEGORY COI	DΕ	7.P	ROJECT NUMBER	8.PROJECT	COST (\$00	0)
						Auth	43,	000
		851			68007	Approp	43,	000
			9	9.COST	ESTIMATES			
	ITEM		UM	I (M/E)	QUANTITY	7	UNIT COST	COST (\$000)
PRIMARY FACILI								34,081
Base & Shoulde			m3	(CY)	1438097 (1880960)		. , ,
Culverts & Hea		S	EA		60		9,200	
Asphalt Paving			m2	(SF)	· ·			
Centerline & E	dge o	f Pavement	m	(LF)	2894760 (9497244)	.75	(2,184)
SUPPORTING FAC								2,975
Site Imp(2,97	5) De	mo()	LS					(2,975)
ESTIMATED CONT	D N CT	COST.						37,056
CONTINGENCY PE								1,853
SUBTOTAL	СШИТ	(3.000)						38,909
SUPV, INSP & O	VERHE	AD (7 70%)						2,996
DESIGN/BUILD -								1,556
TOTAL REQUEST	DLUI	011 0001						43,461
TOTAL REQUEST	(ROUN	DED)						43,000
INSTALLED EQT-								(0)
	OIIIDIC	711 1 1101						(0)
10.Description of Propo	sed Const	truction Cor	ı ıst.rı	ıct ar	ı ıd upgrade a 90)km (56 m	ile) Urb	an
Bypass Road (C								
areas for Bala								
construction o								
Paving and rig					_	_		
military traff								
grading, and b								
support struct								
specific engin		_			-			-
a complete and					,			F
<u>r</u>								
11. REQ:		90 km AD(QT:		NONE S	SUBSTD:		NONE
PROJECT: Cons	truct	a 90km Urba	an By	ypass/	Counter IED Ro	oute, in	the vici	nity of
Balad, Iraq.			-	/		,		<u> -</u>
REQUIREMENT:	Curr	ent military	y sur	oplv t	raffic through	the Bal	ad area	uses
existing roads		_	_					
small arms att								
an alternate r								
contentious US								

I.COMPONENT	EV	2008	MITTITADV	CONSTRUCTION		ת האתא	Z.DATE		
	FI	2008	MILLIAKI	CONSTRUCTION	PRODEC	I DAIA			
ARMY							03	FEB	2007
3.INSTALLATION AN	D LOCATIO	ON							
LSA Anaconda,	Iraq				_				
4.PROJECT TITLE					5	.PROJECT N	IUMBER		
Urban By Pass	Road						(68007	7

REQUIREMENT: (CONTINUED)

features that will make it more difficult for anti-Iraqi forces to emplace and employ improvised explosive devices, as well as minimize the hazard from detonated IED's.

CURRENT SITUATION: Significant numbers of military convoys are subject to increased exposure to IED attacks when they transit though densely populated areas of Balad, Iraq. When they transit through these areas, convoys have to slow down and get intermingled with civilian traffic, which makes them an easier target of small arms fire and explosive devices. As a result of these attacks, noncombatants are exposed to unacceptable risks to life and limb. IMPACT IF NOT PROVIDED: Failure to provide these roads will result in continued exposure of US and Coalition forces as well as Iraqi non-combatants to unacceptable IED and insurgent threats. As a result, we will continue to lose critical manpower and assets to these threats.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the project development, design, and construction of the project. Joint use potential will be incorporated where feasible.

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	<u>MAR</u>	2007
(b)	Percent Complete As Of January 2007		.00
(C)	Date 35% Designed	OCT	2007
(d)	Date Design Complete	FEB	2008
(e)	Parametric Cost Estimating Used to Develop Costs		NO

- (f) Type of Design Contract: Design-build

(2)	Basis: (a) Standard or Definitive Design: NO	
(3)	Total Design Cost (c) = (a)+(b) OR (d)+(e): (a) Production of Plans and Specifications (b) All Other Design Costs	
	(c) Total Design Cost	
	(d)Contract	
(4)	Construction Contract Award	NOV 2007
(5)	Construction Start	MAR 2008
(6)	Construction Completion	MAR 2009

1.COMPONENT					2.DATE	
	FY 2008	MILITARY CONSTRUCTION	N PROJE	CT DATA		
ARMY					03 FE	EB 2007
3.INSTALLATION AN	D LOCATION					
LSA Anaconda,	Iraq					
4.PROJECT TITLE				5.PROJECT N	IUMBER	
Urban By Pass	Road				680	07
12. SUPPLEMEN	NTAL DATA: (Co	ontinued)				
A. Estin	nated Design I	Data: (Continued)				
B. Equip	oment associat	ed with this project	which w	vill be pr	ovided fr	com
other approp	oriations:	2 2		-		
	•			Fisca	al Year	
Equipment		Procuring		Appro	priated	Cost
Nomenclati	ıre	Appropriation			guested	(\$000)
	<u> </u>	<u></u>			1	

NONE

1.COMPONENT									2.DATE		
A DATE	FY 2	800	MILI	TARY	CON	STRUCTION	PROJ	ECT DATA			005
ARMY 3.INSTALLATION AND	ם ז.חכאים	TON				4.PROJEC	ייי יידייד.	1	0.3	FEB 20	307
Iraq Various	D HOCAI	ION				4.FRODEC	.1 111111	1			
_						Tandfi	11 Co.	nstructi	on		
Iraq 5.PROGRAM ELEMENT		6.CATEGORY	CODE		7 DI	ROJECT NUMBE			COST (\$00	0.)	
5.PROGRAM ELEMENT		6.CALEGOR	. CODE		/	COUECI NUMBE	ır.	Auth			
		0.2	4			60017		Approp		880	
		83	±	9 C	'ОСТ 1	68017 ESTIMATES		11 1	•	880	
									ſ		
DDIMADA BACIII	ITEM			UM (I	M/E)	QU	JANTITY		UNITCOST	COST (\$	
PRIMARY FACILI		\		т О							689
Foundation Lay				LS							(82
Gas Collection	_			LS							(148
Geomembrane Ba		Layer		LS							(143
Compacted Laye				LS							(112
Drainage Layer				LS							(155
Total from C			age								(49
SUPPORTING FAC		<u>ES</u>									63
Electric Servi		,	,	LS							(22
Site Imp(4	1) De	mo ()	LS							(41
ESTIMATED CONT CONTINGENCY PE SUBTOTAL SUPV, INSP & C DESIGN/BUILD - TOTAL REQUEST TOTAL REQUEST INSTALLED EQT-	RCENT VERHE DESI (ROUN) OTHER	(5.00% AD (7.70 GN COST DED) APPROP	0%)								752 38 790 61 32 883 880 (0
of incinerator project consistent continuous durations duration, necessary work existing nonst	ash ts of ction tions ing to perime	and othe: a founda and dra: would be he designeter fence rovide a	r solation inage e bas n pro ce, h comp	id want layer system or cessinaul in olete	er, tem, n lo . Pr	gas colle and a gr cal geolo oject inc , modular	ed at lection cound we gical cludes build andfile	Fallujah venting water bas and grow site proding, and	. The pla system, rrier but und wate: eparation d all oth	anned and t r	
	truct	a one a			ill	to handle	8-to	n per da	y solid v	waste	
generated at FREQUIREMENT: solid waste gealready in use incinerated an used for the reads and the reads are reads and the reads and the reads and the reads and the reads	This nerat on to discemediate	ah. landfil ed by Fal he comple posal of ation of	l is lluja ex by the alre	to dank. The safe incirectally a	ispo his ely nera accu	se of app landfill disposing tor ash. mulated w	will a of so This i	ately 8 augment olid was landfill from open	tons per incinera te not will ala n dumps a	day of tors so be and	Ē

1.COMPONENT						2.DATE	
	FY 2008 MIL	ITAR	Y CONSTRU	UCTION PROJE	CT DATA		
ARMY						03	FEB 2007
3.INSTALLATION AN	D LOCATION						
Iraq Various,	Iraq						
4.PROJECT TITLE					5.PROJECT N	UMBER	
Landfill Const	ruction						68017
9. COST EST	MATES (CONTINUED)						
						Unit	Cost
Item		UM	(M/E)	QUANTITY		COST	(\$000)
PRIMARY FACILI	TY (CONTINUED)						
Haul Road		LS					(14)
Perimeter Fend	ce	LS					(10)
Modular Buildi	ng	LS					(25)
						Total	49

REQUIREMENT: (CONTINUED)

identified during the design process due to geologic conditions not requiring a synthetic liner or gas collection system.

CURRENT SITUATION: Open dumps and landfills without designed liner materials or leachate collection system to protect groundwater are being used. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit. A 15-ton incinerator will be constructed in FY07. The daily ash from incinerator will require an environmentally safe means of disposal.

IMPACT IF NOT PROVIDED: Solid waste will be continued to be placed in a non-standard landfill and perpetuate the possibility of contaminating the ground water. Solid waste to include scrap metals in open dumps and nonstandard landfills will remain mingled and not be properly disposed. Fallujah will continue to burn large amounts of trash each day which will expose the personnel on camp to the hazardous smoke.

<u>ADDITIONAL:</u> All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	MAR 2007
(b)	Percent Complete As Of January 2007	.00
(C)	Date 35% Designed	OCT 2007
(d)	Date Design Complete	FEB 2008
(e)	Parametric Cost Estimating Used to Develop Costs	NO
(=)		

- (f) Type of Design Contract: Design-build
- (2) Basis:
 - (a) Standard or Definitive Design: NO

1.COMPONENT		2.DATE	
	FY 2008 MILITARY CONSTRUCTION PROJE	CT DATA	
ARMY		0.3	3 FEB 2007
3.INSTALLATION AN	D LOCATION		
Iraq Various,	Trad		
4.PROJECT TITLE	1144	5.PROJECT NUMBER	
TIROUBEI IIIBB		5.1 ROULET WOMBER	
. 16'11 6 .			60018
Landfill Const	ruction		68017
	NTAL DATA: (Continued)		
A. Estin	mated Design Data: (Continued)		
	(b) All Other Design Costs		
	(c) Total Design Cost		40
	(d) Contract		
	(e) In-house		
	(6, 211 11642611111111111111111111111111111		
(4)	Construction Contract Award		NOV 2997
(5)	Construction Start		MAR 2008
(6)	Construction Completion	<u>1</u>	MAR 2009
B. Equip	pment associated with this project which w	ill be provided	d from
other approp	oriations:		
		Fiscal Year	c
Equipment	Procuring	Appropriate	ed Cost
Nomenclati		Or Request	
Nomencial	Appropriacion	or requeste	(9000)
	NONE		
	1/01/12		

1.COMPONENT									2.DATE	
	FY 2	008	MILI	TARY	CON	STRUCTION F	PROJE	ECT DATA		
ARMY									03	FEB 2007
3.INSTALLATION AN	D LOCAT	'ION				4.PROJECT	TITLE			
Camp Merez										
Iraq (Camp Mar	cez)					Landfill	Cor	nstructi	on	
5.PROGRAM ELEMENT	1	6.CATEGORY	CODE		7.PF	ROJECT NUMBER		8.PROJECT	COST (\$00	0)
								Auth		880
		834	4			68019		Approp		880
				9.0	OST I	ESTIMATES				
	ITEM			1) MU	M/E)	QUAN	TITY		UNITCOST	COST (\$000)
PRIMARY FACILI										689
Foundation Lay				LS						(82)
Gas Collection	_			LS						(148)
Geomembrane Ba	arrier	Layer		LS						(143)
Compcated Laye				LS						(112)
Drainage Layer				LS						(155)
Total from (age							(49)
SUPPORTING FAC		<u>ES</u>								63
Electric Servi				LS						(22)
Site Imp(11) De	mo ()	LS						(41)
ESTIMATED CONT	ract	COST								752
CONTINGENCY PR	ERCENT	(5.00%))							38
SUBTOTAL										790
SUPV, INSP & C			0왕)							61
DESIGN/BUILD -	- DESI	GN COST								32
TOTAL REQUEST										883
TOTAL REQUEST										880
INSTALLED EQT-	-OTHER	APPROP								(0)
10.Description of Prop	osed Cons	truction	Cons	struct	t a	one acre la	andfi	ill for	a safe d	isposal
of incinerator	c ash	and othe:	r sol	Lid wa	aste	generated	at N	Marez. T	he plann	ed
project consis				_		_		_	_	
leachate colle	ection	and dra	inage	e syst	tem,	and a grou	ınd v	vater ba	rrier bu	t
specific varia										
conditions dur	ring t	he desig	n pro	ocess	. Pr	oject inclu	ıdes	site pr	eparatio:	n,
construction,	perim	eter fen	ce, l	naul	road	, modular b	ouild	ding, an	d all ot	her
necessary work	to p	rovide a	comp	olete	and	usable lan	ndfil	ll and r	emediate	
existing nonst	candar	d landfi	11.							
11. REQ:		NA	ADQ'	Γ:		NA	SU	JBSTD:		NA
PROJECT: Cons	struct	a one a	cre I	Landf	ill	to handle 8	3-tor	n per da	y solid	waste
generated at N	Marez.									
REQUIREMENT:	This	landfil	l is	to d	ispo	se of appro	oxima	ately 8	tons per	day of
solid waste ge	enerat	ed by Ma:	rez.	This	lan	dfill will	augn	ment inc	inerator	S
already in use										
incinerated ar		_								
used for the 1	remedi	ation of	alre	eady a	accu	mulated was	ste f	from ope	n dumps	and
nonstandard ha	astilv	constru	cted	land	fill	currently	beir	na used	if funds	are

1.COMPONENT						2.DATE	
	FY 2008 MILI	TAR	Y CONS	TRUCTION PROJE	CT DATA		
ARMY						03	FEB 2007
3.INSTALLATION AN	D LOCATION						
Camp Merez, In	raq (Camp Marez)						
4.PROJECT TITLE					5.PROJECT N	UMBER	
Landfill Const	ruction						68019
9. COST EST	IMATES (CONTINUED)						
						Unit	Cost
Item		UM	(M/E)	QUANTITY		COST	(\$000)
PRIMARY FACILI	ITY (CONTINUED)						
Haul Roads		LS					(14)
Perimeter Fend	ce	LS					(10)
Modular Buildi	ing	LS					(25)
						Total	49

REQUIREMENT: (CONTINUED)

identified during the design process due to geologic conditions not requiring a synthetic liner or gas collection system.

CURRENT SITUATION: Open dumps and landfills without designed liner materials or leachate collection system to protect groundwater are being used. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit. A 15-ton incinerator will be constructed in FY07. The daily ash from incinerator will require an environmentally safe means of disposal.

IMPACT IF NOT PROVIDED: Solid waste will be continued to be placed in a non-standard landfill and perpetuate the possibility of contaminating the ground water. Solid waste to include scrap metals in open dumps and nonstandard landfills will remain mingled and not be properly disposed. Marez will continue to burn large amounts of trash each day which will expose the personnel on camp to the hazardous smoke.

All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	MAR 2007
(b)	Percent Complete As Of January 2007	.00
(C)	Date 35% Designed	OCT 2007
(d)	Date Design Complete	FEB 2008
(e)	Parametric Cost Estimating Used to Develop Costs	NO
(f)	Type of Design Contract: Design-build	

- (f) Type of Design Contract: Design-build
- (2) Basis:
 - (a) Standard or Definitive Design: NO
- Total Design Cost (c) = (a) + (b) OR (d) + (e): (\$000) (a) Production of Plans and Specifications.....

1.COMPONENT				2.DATE	
	FY 2008 MILITA	RY CONSTRUCTION PROJE	CT DATA		
ARMY				ਹਤ ਸਸ਼ਾ	3 2007
3.INSTALLATION AN	ID LOCATION				2007
J. 1110111111111111111111111111111111111	2 Decilian				
	raq (Camp Marez)				
4.PROJECT TITLE			5.PROJECT N	UMBER	
Landfill Const	cruction			6801	L9
12. SUPPLEMEI	NTAL DATA: (Continued)			
	mated Design Data: (C				
A. ESCI	5				
		n Costs			
		st			
	(d) Contract				
	(e) In-house				40
				-	
(4)	Construction Contrac	t Award		NOV 3	2007
(- /		1			
(5)	Construction Start			MAD (2009
(5)	Constituction Start			<u>MAR 2</u>	2008
(-)					
(6)	Construction Complet	ion		<u>MAR</u> 2	2009
B. Equi	oment associated with	. this project which w	<i>i</i> ill be pr	ovided fro	om
other approp	oriations:				
	•		Fisca	l Year	
Equipment		Procuring		priated	Cost
		2		_	
Nomenclati	<u>11.6</u>	Appropriation	Or Re	quested	(\$000)
		NONE			

1.COMPONENT								2.DATE	
7 DM37	FY 2	800	MII	ITAI	RY CON	ISTRUCTION PROJ	JECT DATA		EED 2007
ARMY 3.INSTALLATION AN	D LOCAT	TON				4.PROJECT TITI	ıΕ	0.3	FEB 2007
Iraq Various							-		
Iraq						Urban By Pa	ass Road		
5.PROGRAM ELEMENT		6.CATEG	ORY COD	Œ	7.P	ROJECT NUMBER		COST (\$00	00)
							Auth	43,	000
			851			68009	Approp	43,	000
				9	9.COST	ESTIMATES			
	ITEM			UM	I (M/E)	QUANTITY	Ĭ.	UNITCOST	COST (\$000)
PRIMARY FACILI					(077)	1.10000 /	10000000		34,081
Base & Shoulde		_			(CY)	1438097 (1880960)		
Culverts & Hea Asphalt Paving		S		EA	(CE)	60	0(50(21)	9,200	
Roads, Surface				m	(SF) (LF)	897,409 (2894760 (ì , , , , , , , , , , , , , , , , , , ,
Roads, Bullace	a.			111	(ПГ.)	2034700 (J4J / Z44 /	. 75	(2,104)
SUPPORTING FAC	CILITI	ES							2,975
Site Imp(2,97)	LS					(2,975)
_									
ESTIMATED CONT	יים א מיי	COST							37,056
CONTINGENCY PE			() ()						1,853
SUBTOTAL	пседит	(3.0	00,						38,909
SUPV, INSP & C	VERHE	AD (7	.70%)						2,996
DESIGN/BUILD -									1,556
TOTAL REQUEST									43,461
TOTAL REQUEST	(ROUN	DED)							43,000
INSTALLED EQT-	OTHER	APPRO	P						(0)
10.Description of Prop						nd upgrade a 90			
						ely populated a			
						alt construction			
						existing roads support simult			
						improvements in			
						nting where red			
					_	cce protection	_		
						s, and all work			
a complete and	l usea	ble ro	ad.						
11. REQ:			m ADÇ				SUBSTD:		NONE
	struct	90km	Urban	Вура	ass/Co	ounter IED Rout	te, in th	e vicini	ty of
Mosul, Iraq.			.		_		. 1	-	
REQUIREMENT:						traffic through			
						ly through down cult to detect			
						will reduce th			
						The new road			

I.COMPONENT	EX 2000	MTTTTTADA	CONCEDITORION		ע האער ח	Z.DAIE	
ARMY	FY 2008	MILLIARI	CONSTRUCTION	PROJEC.	I DATA	03 FEB 200	7
3.INSTALLATION AN	ID I OCATION					U3 FEB 200	
3.INSTALLATION AN	ID LOCATION						
Iraq Various,	Iraq						
4.PROJECT TITLE				5.	PROJECT N	IUMBER	
Urban By Pass	Road					68009	
			-			-	

REQUIREMENT: (CONTINUED)

COMPONENT

features that will make it more difficult for anti-Iraqi forces to emplace and employ improvised explosive devices, as well as minimize the hazard from detonated IED's.

CURRENT SITUATION: Significant numbers of military convoys are subject to increased exposure to IED attacks when they transit though densely populated areas of Mosul, Iraq. When they transit through these areas, convoys have to slow down and get intermingled with civilian traffic, which makes them an easier target of small arms fire and explosive devices. As a result of these attacks, noncombatants are exposed to unacceptable risks to life and limb. IMPACT IF NOT PROVIDED: Failure to provide these roads will result in continued exposure of US and Coalition forces as well as Iraqi non-combatants to unacceptable IED and insurgent threats. As a result, we will continue to lose critical manpower and assets to these threats.

All required antiterrorism protection measures are included. ADDITIONAL: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	MAR	2007
(b)	Percent Complete As Of January 2007		.00
(C)	Date 35% Designed	OCT	2007
(d)	Date Design Complete	FEB	2008
(e)	Parametric Cost Estimating Used to Develop Costs		NO

- (f) Type of Design Contract: Design-build

(2)	Basis: (a) Standard or Definitive Design: NO	
(3)	Total Design Cost (c) = (a)+(b) OR (d)+(e): (a) Production of Plans and Specifications (b) All Other Design Costs	
	(c) Total Design Cost	
	(d) Contract (e) In-house	
(4)	Construction Contract Award	NOV 2007
(5)	Construction Start	MAR 2008
(6)	Construction Completion	MAR 2009

I.COMPONENI						Z.DAIE	
	FY 2008	MILITARY CO	ONSTRUCTION	PROJE	CT DATA		
ARMY						03 FEI	B 2007
3.INSTALLATION AN	D LOCATION					•	
Iraq Various,	Iraq						
4.PROJECT TITLE	5.PROJECT N	UMBER					
Urban By Pass	Road					680	09
12. SUPPLEMEN	ITAL DATA: (Co	ntinued)					
A. Estim	nated Design D	ata: (Contir	nued)				
B. Equip	ment associat	ed with this	s project w	hich w	ill be pr	ovided from	om
other approp	riations:						
					Fisca	ıl Year	
Equipment		Proci	ıring		Appro	priated	Cost

NONE

Appropriation

Or Requested

(\$000)

Nomenclature

1.COMPONENT				- ~				2.DATE	
	FY 2	008 WTT	ITARY	CONS	STRUCTION	PROJ.	ECT DATA		
ARMY					T			03	FEB 2007
3.INSTALLATION AN		'ION			4.PROJECT	TITLE	3		
Al Asad Air Ba	ase								
Iraq		1			Power P		1		
5.PROGRAM ELEMENT	1	6.CATEGORY CODE	3	7.PR	OJECT NUMBER			COST (\$00	•
							Auth	26,	
		812			67993		Approp	26,	000
			9.	COST E	STIMATES				
	ITEM		UM	(M/E)	QUA	NTITY		UNITCOST	COST (\$000)
PRIMARY FACILI									20,561
Electric Power			kWe((KW)	10,000	(10,000)	547.00	
Power Plant Bu	ıildin	g	m2 (464.52	•	5,000)		
Substation				(KVA)	10,000	(10,000)	121.23	(1,212)
Electrical Swi		_	LS						(543)
UG Electric Pr			LS						(3,530)
Total from ((8,971)
SUPPORTING FAC		ES							1,264
Electric Servi	ice		LS						(64)
Paving, Walks,	, Curb	s & Gutters	LS						(500)
Site Imp(30			LS						(300)
Antiterrorism	Measu	res	LS						(400)
									ı
ESTIMATED CONT	FRACT	COST							21,825
CONTINGENCY PR	ERCENT	(5.00%)							1,091
SUBTOTAL									22,916
SUPV, INSP & C	OVERHE	AD (7.70%)							1,765
DESIGN/BUILD -	- DESI	GN COST							917
TOTAL REQUEST									25,598
TOTAL REQUEST	(ROUN	DED)							26,000
INSTALLED EQT-	-OTHER	APPROP							(0)
							_		

10.Description of Proposed Construction Construction a 10 MW power plant, transformer substation and associated distribution system at Q-West in support of the camp personnel. Site work includes clearing, grubbing, and leveling the area for the power plant and plant operator's building. Power plant will consist of individual enclosed generator platforms, a modular control room, modular switchgear, and required fuel system. A modular plant operator's facility will be constructed to provide an area for 24-hour plant operators, to be used as office area, and bunkhouse.

11. REQ: 10,000 kWe ADQT: NONE SUBSTD: 10,000 kWe PROJECT: Construct a 10-MW power plant and associated distribution system for Q-West, Iraq. Provisions for future expansion must be included.

REQUIREMENT: A 10MW power plant expansion is needed for Q-West, Iraq to provide reliable power to the Base Camp that does not degrade the environment of Q-West. The design and construction of a 10MW power plant will drastically reduce the expenditures of cost for diesel fuel and cost of maintenance required, which ultimately reduce the government's annual cost for the use of plant power.

1.COMPONENT					2.DATE	
1. COPIE OIVEN I	FY 2008 MIL:	ITARY CONSTE	RUCTION PROJE	CT DATA	Z.DAIL	
ARMY					03 F	FEB 2007
3.INSTALLATION AN	D LOCATION					
Al Asad Air Ba	ogo Trad					
4. PROJECT TITLE	ise, iraq			5.PROJECT	NUMBER	
				0		
Power Plant					67	7993
9. COST EST	IMATES (CONTINUED)				• .	
T		/ / / / /	~ T T N T T T T T T T T T T T T T T T T		Unit	Cost (coso)
Item		UM (M/E)	QUANTITY		COST	(\$000)
PRIMARY FACILI	ITY (CONTINUED)					
	econdary feeder ci	LS				(4,329)
	Switch Sta. Bldg	m2 (SF)	185.81 (2,000)	1,798	(334)
Transformers		EA	50		60,000	(3,000)
Diesel Oil Sto	_	L (GA)	18,927 (5,000)	1.10	(21)
	cls 50/fit joint	m (LF)	609.60 (2,000)	67.59	(41)
Antiterrorism	Measures	LS				(1,246)
					Total	8,971
government over extensive mair IMPACT IF NOT resources (cur The diesel ger continue to con	rently over \$10M) nerators will continuerators will continued to the position of the position of the development ential will be incompared by the development of the	The diesel of the diesel of the diese to the to lease the inue to required security or porated. So the design, and or porated when the diesel security or design, and or porated when the diesel or poreated when the diesel or porated when the diesel or porated when	generators are poor air qualinue to expense prime power additions lity on Q-Westy and antite Bustainable productions feasible	e expens ality on d large r genera al maint tt. rrorism/ rinciple on of th	ive, required and a control of the c	of nts. nd will
	(b) Percent Comp. (c) Date 35% Des. (d) Date Design (e) Parametric Comp. (f) Type of Design	igned Complete ost Estimat:	ing Used to D	evelop C	OCT	7 2007 3 2008
(2)	Basis: (a) Standard or 1	Definitive I	Design: NO			
(3)	Total Design Cost (a) Production of (b) All Other Design (c) Total Design (d) Contract (e) In-house	f Plans and sign Costs. Cost	Specificatio	ns		900

1.COMPONENT	<u> </u>			2.DATE	
ARMY	FY 2008 M	ILITARY CONSTRUCTION PR	ROJECT DATA		B 2007
3.INSTALLATION AN	ND LOCATION				
Al Asad Air Ba	ase, Iraq				
4.PROJECT TITLE	1		5.PROJECT N	UMBER	
Power Plant				679	93
			<u> </u>		
	NTAL DATA: (Cont mated Design Dat				
(4)	Construction Co	ontract Award		<u>NOV</u>	2007
(5)	Construction St	cart		<u>MAR</u>	2008
(6)	Construction Co	ompletion		<u>MAR</u>	2009
		d with this project which	ch will be pr	ovided fr	rom
other approp	oriations:		Fisca	ıl Year	
Equipment Nomenclature		Procuring Appropriation		priated equested	Cost (\$000)
		NONE			

1.COMPONENT									2.DATE	
7 DM37	FY 2	800	MIL:	ITAR	Y CON	STRUCTION P	ROJE	CT DATA	0.2	FFD 2007
ARMY 3.INSTALLATION AND	D TACCAT	'TON				4.PROJECT T	פודדים		03	FEB 2007
Iraq Various	D HOCKI	1011				4.11KOOHE1 1				
Iraq various						Landfill	Con	atruatio	'n	
5.PROGRAM ELEMENT		6.CATEGOR	Y CODE	3	7.PF	OJECT NUMBER		8.PROJECT		00)
				=				Auth		880
		83	4			68015	,	Approp		880
			-	9.	COST I	STIMATES				
	ITEM			TTM	(M/E)	QUANT	ידידע		UNIT COST	COST (\$000)
PRIMARY FACILI				Ol·i	(11/15)	QUAIVI	1111		UNII COSI	689
Foundation Lay		acre)		LS						(82)
Gas Collection				LS						(148)
Geomembrane Ba	_			LS						(143)
Compacted Laye		2		LS						(112)
Drainage Layer				LS						(155)
Total from C		uation p	age							(49)
SUPPORTING FAC	ILITI	ES								63
Electric Servi	.ce			LS						(22)
Site Imp(4	1) De	mo()	LS						(41)
ESTIMATED CONT	'RACT	COST								752
CONTINGENCY PE	RCENT	(5.00%	;)							38
SUBTOTAL										790
SUPV, INSP & C	VERHE	AD (7.7	'0왕)							61
DESIGN/BUILD -	DESI	GN COST								32
TOTAL REQUEST										883
TOTAL REQUEST	(ROUN	DED)								880
INSTALLED EQT-	OTHER	APPROP								(0)
10.Description of Propo	sed Const	truction	Cons	stru	ct a	one acre la	ndfi	ll for a	safe d	isposal
of incinerator	ash	and othe	r so	lid v	waste	generated a	at R	amadi. T	he plan	ned
project consis	ts of	a found	latio	n la	yer,	gas collect:	ion	venting	system,	and
leachate colle	ction	and dra	inage	e sy	stem,	and a groun	nd w	ater bar	rier bu	t
specific varia	tions	would b	e bas	sed o	on lo	cal geologi	cal	and grou	ınd wate	r
conditions dur	ing t	he desig	n pro	oces	s. Pr	oject inclu	des	site pre	paratio	n,
construction,	perim	eter fer	ice, l	naul	road	, modular b	uild	ing, and	all ot	her
necessary work										
existing nonst	andar	d landfi	11.							
11. REQ:		NA	ADQ'	Γ:		NA	SU	BSTD:		NA
	truct	a one a	cre :	land:	fill	to handle 8	-ton	per day	solid	waste
generated at R										
REQUIREMENT:			.l is	to	dispo	se of appro	xima	tely 8 t	ons per	day of
solid waste ge										
already in use										
incinerated an										so be
used for the r										
nonstandard ha										
DACE NO 93						Y BE USED INTE			DD FOR	

1.COMPONENT	DV 0000 MII	TEADY CON			2.DATE	
ARMY	FY 2008 MIL	TTARY CON	STRUCTION PROJE	CT DATA	∩2 ī	FEB 2007
3.INSTALLATION AN	D LOCATION				05 1	<u> </u>
Iraq Various,	Iraq					
4.PROJECT TITLE				5.PROJECT NU	MBER	
Landfill Const	ruction				68	8015
9. COST EST	IMATES (CONTINUED)					
9. COST EST	IMATES (CONTINUED)			Т	Jnit	Cost
Item		UM (M/E)	QUANTITY		COST	(\$000)
		. , ,	~ *			(/
PRIMARY FACILI	ITY (CONTINUED)					
Haul Road		LS				(14)
Perimeter Fend		LS				(10)
Modular Buildi	ing	LS				(25)
				-	「otal	49
REOUIREMENT:	(CONTINUED)					
~_	<u>(CONTINUED)</u> ring the design pr	ocess due	to geologic co	onditions r	not rea	uirina
	iner or gas collec			JIIGICIONS I	ioc requ	illing
CURRENT SITUAT		-	fills without o	designed 1	iner mat	terials
	ollection system t			_		
	waste is currently	_	_	_		
	arge open pit. A 1	_			_	_
The daily ash	from incinerator	will requ	ire an environm	mentally sa	afe mear	ns of
disposal.						
IMPACT IF NOT			ll be continued	_		
	landfill and perpe		-		_	ne
_	Solid waste to in			_		
	andfills will rema	_	-		-	
	to burn large amo		_	which will	expose	the
-	camp to the hazard All required phys			222223 am / F	220	
	asures will be inc		-			2
	to the development					
	ential will be inc				project	- •
12. SUPPLEMEN	NTAL DATA:					
A. Estin	mated Design Data:					
(1)	Status:					
						R 2007
			f January 2007.			.00
			ating Used to I		³ts	NO
	(f) Type of Desi	gn Contra	ct: Design-bui	ıld		
(2)	Basis:					
(2)	(a) Standard or	Definiti.	e Degian. Mo			
	(a) Stanuald Of	<u> ρ∈ττπτ</u> ΓΤΛ	e nestân: MO			
(3)	Total Design Cost	(c) = (a)+(b) OR (d)+(e	e):	(\$000)
			nd Specification			•
	, , : : : : : : : : : : : : : : : : : :	,	- <u> </u>		· 	

. COMPONENT					2.DATE	
		FY 2008 MILITA	RY CONSTRUCTION PR	ROJECT DATA		
ARMY . INSTALLATION	AND LOC	ATION			03 FI	EB 2007
raq Variou .PROJECT TITL				5.PROJECT 1	VIIMBER	
.TROUBET TITE				3.11600101	NOTIBER	
andfill Co	nstruct	ion			680	015
2. SUPPLE	MENTAL	DATA: (Continued))			
		Design Data: (Co	ontinued)			
	(b)		n Costs			
	(c) (d)		st 			
	(a) (e)					40
(4) Cons	truction Contract	t Award		<u>NOV</u>	2007
(5) Cons	truction Start			<u>MAR</u>	2008
(6) Cons	truction Complet:	ion		MAR	2009
B. Eq	uipment	associated with	this project which	ch will be p	rovided fi	rom
other app			r r r			
			_		al Year	<u>.</u>
Equipme: Nomencl			Procuring Appropriation		opriated equested	Cost (\$000
Nomence	acure	-	Appropriacion	<u>01 K</u>	<u>equesceu</u>	(5000
			NONE			

1.COMPONENT								2.DATE	
	FY 2	008 MIL:	ITAF	RY CC	NSTRUCTION 1	PROJI	ECT DATA		
ARMY					<u>, </u>			03	FEB 2007
3.INSTALLATION AN	D LOCAT	'ION			4.PROJECT	TITLE	1		
Camp Scania									
Iraq		•				ontro	ol Point		
5.PROGRAM ELEMENT		6.CATEGORY CODE	:	7.	PROJECT NUMBER			COST (\$00	
							Auth	•	000
		154			68000		Approp	5,	000
			9	.COST	ESTIMATES				
	ITEM		UM	(M/E	QUAN	YTITY		UNITCOST	COST (\$000)
PRIMARY FACIL									3,209
Installation I		_		(SF)			1,296)		
Ground level s	sentry	post	m2	(SF)	5.57	(60)	1,777	
Guard Tower			EA					25,000	
Roads, Access		_	m	(LF)	3,000	(9,843)	658.33	
Protective Bar			EA		2			107,500	
Total from ((595)
SUPPORTING FAC		<u>ES</u>							1,088
Electric Servi	Lce		LS						(825)
Water, Sewer,	Gas		LS						(83)
Paving, Walks,	Curb	s & Gutters	LS						(30)
Site Imp(15	50) De	mo()	LS						(150)
									1
ESTIMATED CONT	TRACT	COST							4,297
CONTINGENCY PR	ERCENT	(5.00%)							215
SUBTOTAL									4,512
SUPV, INSP & 0	OVERHE.	AD (7.70%)							347
DESIGN/BUILD -	- DESI	GN COST							180
TOTAL REQUEST									5,039
TOTAL REQUEST	(ROUN	DED)							5,000
INSTALLED EQT-	OTHER	APPROP							(0)
10.Description of Prop	osed Const	truction Cons	strı	ıct a	n entry cont	trol	point a	nd acces	s road.
Primary facili									
paving to conr									
tower for the									
for the gate.									
and egress rou		-	_				-		5
communications		_				_	_		full
vehicle x-ray									
include site u								5	
		100 0110 0100		, _ 0 , 0					
11. REQ:		1 EA ADO	Γ:		NONE	SI	JBSTD:		NONE
	struct	an Entry Co		ol Po					1.01.2
REQUIREMENT:								t the on	lv
<u>REQUIREMENT:</u> Another ECP is needed to alleviate congestion at the only existing ECP and improve force protection by providing a second access point									
	for quick entry/exit of the base in the event of an emergency. This new ECP								
will be locate									
camp and is de									
Entry Control					_				
	- 0 - 11 - 0		~	0		v - y	~~~~~~	or papp	-,

material storage.

1.COMPONENT						2.DATE	
	FY 2008 MII	LITAF	RY CONST	RUCTION PROJE	ECT DATA		
ARMY						03	FEB 2007
3.INSTALLATION AN	D LOCATION					•	
Camp Scania, I	Iraq				<u> </u>		
4.PROJECT TITLE					5.PROJECT N	NUMBER	
Entry Control	Point					6	8000
9. COST ESTI	MATES (CONTINUED)					
						Unit	Cost
Item		UM	(M/E)	QUANTITY		COST	(\$000)
PRIMARY FACILI	TY (CONTINUED)						
Gate, Sliding	Electric	EΑ		2	2	225,000	(450)
Exterior Light	ing	LS					(50)
Under-Vehicle	Camera System	m2	(SF)	. 9 (1) 2	277,778	(25)
Light Set, Taf	fic Control	m2	(SF)	.19 (2) 3	368,421	(70)
						Total	595

CURRENT SITUATION: There is not a sufficient number of ECPs currently at Scania, near its main logistics hub, where it receives many large convoys each day. The number of supply trucks arriving and departing each day is expected to reach close to 1,000 in the next few months. The current ECP often has traffic backed up for over two or more kilometers due to the large number of vehicles using the gate. The current truck route between the ECP and the new convoy support center/supply storage runs through undesired living the work areas.

IMPACT IF NOT PROVIDED: The population at Base Camp Scania is expected to increase by thousands over the next several months. This increase in population will exacerbate an already dangerous situation. The wait time to access the base can be 30 minutes or more due to the large number of vehicles using the ECP. This places the soldiers at risk of attack while they are waiting. The risk for a serious accident on the post will increase dramatically as the population doubles and the number of supply vehicles approaches 1,000 or more a day since the truck route runs through a heavily populated part of the camp.

<u>ADDITIONAL:</u> All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	MAR	2007
(b)	Percent Complete As Of January 2007		.00
(C)	Date 35% Designed	OCT	2007
(d)	Date Design Complete	FEB	2008
(e)	Parametric Cost Estimating Used to Develop Costs		NO

- (f) Type of Design Contract: Design-build
- (2) Basis:
 - (a) Standard or Definitive Design: YES

1.COMPONENT				2.DATE
	FY 2008 MILITA	ARY CONSTRUCTION PROJE	CT DATA	
ARMY 3.INSTALLATION AN	ID I OCATION			03 FEB 2007
3.INSTALLATION AN	ID LOCATION			
Camp Scania,	Iraq			
4.PROJECT TITLE			5.PROJECT NU	JMBER
Entry Control	Point			68000
	/a	7\		
	NTAL DATA: (Continue			
A. Estin	mated Design Data: ((b) Where Most Rec			
	(D) WHELE MOST REC	encry usea:		
(3)	Total Design Cost (c) = (a) + (b) OR (d) + (e)	e):	(\$000)
		Plans and Specification		200
	(b) All Other Design	gn Costs		
		ost		
	(e) In-house		• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
(4)	Construction Contra	ct Award		<u>NOV 2007</u>
(5)	Construction Start.			<u>MAR 2008</u>
(6)	Construction Comple	tion		<u>MAR 2009</u>
B. Equi	oment aggediated wit	h this project which w	vill be now	ovided from
other appro		n chis project which w	itt be bro	Svided IIolli
	•		Fisca	l Year
Equipment		Procuring	Appro _]	priated Cost
Nomenclati	ıre	<u>Appropriation</u>	Or Red	quested (\$000)
		NONE		

1.COMPONENT	7 0000 MTT	T [[] 7 [] 7.7	CONT		ND O TI		2.DATE	
	7 2008 MIL	TTARY	CONS	STRUCTION F	ROJE	ECT DATA		HHD 2007
ARMY 3.INSTALLATION AND LO	CATTON			4.PROJECT	ק.זיידיד		0.3	FEB 2007
	CATION			4.11KOOLC1				
Camp Speicher				Down Di	-n+			
Iraq 5.PROGRAM ELEMENT	6.CATEGORY CODI	7	7 DDC	Power Pl	ant	0 DDO TECT	COST (\$00	0)
5.PROGRAM ELEMENT	6.CATEGORY CODI	<u>.</u>	/.PRC	JUECI NUMBER		Auth		
	010			67001		Approp	39,	
	812	9 (CT E	67991 STIMATES		rr ·r	39,	300
							1	
DD TMADA DA GEL TEM	M	UM (M/E)	QUAN	TITY		UNITCOST	COST (\$000)
PRIMARY FACILITY		7 (,	22 222	- 4 - 0 0	31,155
Electric Power, C		kWe(30,000		30,000)		(16,410)
Power Plant Build	_	m2 (743.22		8,000)	1,798	(1,336)
Electrical Switch	_	kVA (·	900	•	900)	19.00	(17)
Underground Elect	ric Lines		LF)	4,267		14,000)	104.99	(448)
Utilidors		m (1	LF)	4,267	(14,000)	229.66	(980)
Total from Cont								(11,964)
SUPPORTING FACILI	TIES	LS						2,510
Electric Service								(32)
Water, Sewer, Gas		LS						(678)
Paving, Walks, Curbs & Gutters								(500)
Site Imp(800)	Demo()	LS						(800)
Antiterrorism Mea	sures	LS						(500)
ESTIMATED CONTRAC	CT COST							33,665
CONTINGENCY PERCE	ENT (5.00%)							1,683
SUBTOTAL								35,348
SUPV, INSP & OVER	RHEAD (7.70%)							2,722
DESIGN/BUILD - DE	SIGN COST							1,414
TOTAL REQUEST								39,484
TOTAL REQUEST (RC	OUNDED)							39,000
INSTALLED EQT-OTH								(0)
_								
10.Description of Proposed (Construction Con	struc	tion	a 30 MW pc	wer	plant,	transfor	mer
substation and as				_		_		
camp personnel. S			_	_				
for the power pla					_		_	
individual enclos	_	_		_		_		

11. REQ: 30,000 kWe ADQT: NONE SUBSTD: 30,000 kWe PROJECT: Design and construct a 30MW power plant that is needed for COB Speicher, Iraq. Provisions for future expansion must be included.

REQUIREMENT: A 30MW power plant expansion is needed for COB Speicher, Iraq to provide reliable power to the Base Camp that does not degrade the environment of the COB. The design and construction of a 30MW power plant will drastically reduce the expenditures of cost for diesel fuel and cost of maintenance required, which ultimately reduce the government's annual cost for plant power.

switchgear, and required fuel system. A modular plant operator's facility will be constructed to provide an area for 24-hour plant operators, to be used as

office area, and bunkhouse.

1.COMPONENT										2.DATE	
	FY	2008	MILIT.	AR	Y CONS	STRU	CTION 1	PROJ	ECT DATA		
ARMY										03	FEB 2007
3.INSTALLATION AN	D LOCATIO	N		•						-	
Camp Speicher,	Iraq										
4.PROJECT TITLE				•					5.PROJECT	NUMBER	
Power Plant										6	7991
9. COST ESTI	MATES (CONTI	NUED)								
										Unit	Cost
Item			U	M	(M/E)		QUAN'	TITY		COST	(\$000)
PRIMARY FACILI	TY (CON	TINUE	<u>)</u>								ļ
Power Substa./	/Switch	Sta. I	31dg m	2	(SF)		185.81	(2,000)	1,798	(334)
Transformers			E	Α			131			60,000	(7,860)
Substation			k	VA	(KVA)		30,000	(30,000)	121.23	(3,637)
Diesel Oil Sto	orage		L	ı	(GA)		37,854	(10,000)	1.10	(42)
Ductile Iron,	cls 50/	fit jo	oint m	ı	(LF)		609.60	(2,000)	67.59	(41)
Information Sy	stems		L	S							(50)
										Total	11,964

CURRENT SITUATION: Speicher currently does not have the required prime power other than the use of diesel prime power generators for which cost the government over \$20M per year. The diesel generators are expensive, require extensive maintenance and contribute to the poor air quality on Speicher. IMPACT IF NOT PROVIDED: Speicher will continue to expend large amounts of resources (currently over \$20M) to lease the prime power generation plants. The diesel generators will continue to require additional maintenance and will continue to contribute to the poor air quality on Speicher. All required physical security and antiterrorism/force

protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	<u>MAR</u>	2007
(b)	Percent Complete As Of January 2007		.00
(C)	Date 35% Designed	OCT	2007
(d)	Date Design Complete	FEB	2008
(e)	Parametric Cost Estimating Used to Develop Costs		NO

- (f) Type of Design Contract: Design-build
- (2) Basis:
 - (a) Standard or Definitive Design: NO

(3)	Tota	l Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$:	(\$000)
	(a)	Production of Plans and Specifications	1,400
	(b)	All Other Design Costs	
	(C)	Total Design Cost	1,400
	(d)	Contract	
	(e)	In-house	1,400

1.COMPONENT		2.DATE								
ARMY		ARY CONSTRUCTION PROJ	ECT DATA	03 FE	B 2007					
3.INSTALLATION AN	ID LOCATION									
Camp Speicher,	, Iraq									
4.PROJECT TITLE			5.PROJECT NUMBER							
Power Plant			67991							
12. SUPPLEMENTAL DATA: (Continued)										
A. Estin	mated Design Data: (Continued)								
(4)	Construction Contra	ct Award	<u>NOV 2007</u>							
(5)	Construction Start MAR 2008									
(6)	Construction Completion									
B. Equipment associated with this project which will be provided from other appropriations:										
other approp	JIIacions.		Fisca	ıl Year						
Equipment		Procuring	Appro	priated	Cost					
Nomenclati	ire	Appropriation	<u>Or Re</u>	equested	(\$000)					
NONE										

1.COMPONENT								2.DATE	
	FY 2	008 MII	LITARY	CONS	TRUCTION PF	ROJECT I	DATA		
ARMY 3.INSTALLATION AN	D T 0 0 3 11	ITON			4 DDO TECE E	T. III. III.		03	FEB 2007
	D LOCAI	ION			4.PROJECT T	TITE			
Camp Speicher					T 0 0 4 6 4 3 3	C		_	
Iraq		C CATEGORY COL) II	7 DDC	Landfill JECT NUMBER				0)
5. PROGRAM ELEMENT 6. CATEGORY CO		6.CATEGORI COI	JE 7.PRC		WECI NUMBER	Auth	8.PROJECT COST (\$000)		
		0.2.4			60001	Appro	q	5,900	
		834	9 0		68021 STIMATES	TT.	-	5,	900
				-				T	
DDIMADA DAGILI	ITEM		UM (I	M/E)	QUANT	ITY	U	NITCOST	COST (\$000)
PRIMARY FACILI			т О						4,789
Sanitary Landf			LS		-				(598)
Gas Collection	_		LS		-				(1,078)
Geomembrane Ba		Layer	LS		-				(1,045)
Compacted Barr			LS		-				(820)
Drainage Layer			LS		-				(1,128)
Total from ((120)
SUPPORTING FAC		<u>ES</u>	т О						209
Electric Servi		,	LS		-				(79)
Site Imp(13	(0) De	mo()	LS		-				(130)
ESTIMATED CONTINGENCY PESUBTOTAL SUPV, INSP & COMPANIE CONTINGENCY PESUBTOTAL REQUEST TOTAL REQUEST INSTALLED EQT-	RCENT VERHE DESI (ROUN	(5.00%) AD (7.70%) GN COST DED)							4,998 250 5,248 404 210 5,862 5,900 (0)
disposal of ir planned project and leachate conditions dur construction, necessary work existing nonst	cinerate con collections ting to perime	ator ash and sists of a state of	d other foundat ainage ased or rocess haul	solution syst loc Pro coad,	layer, gas em, and a g al geologic ject includ modular bu	enerated collect ground was and les site	d at Stantain water ground preg	Speiche: venting barrie: nd wate: paration	system, r but r n,
11. REQ: PROJECT: Cons	struct	1 ha ADO a 2.5 acre	-	ill t	NONE o handle 30	SUBSTI		y solid	NONE waste

not incinerated and disposal of the incinerator ash. This landfill will also be used for the remediation of already accumulated waste from open dumps and nonstandard hastily constructed landfill currently being used if funds are

This landfill is to dispose of approximately 30 tons per day of

solid waste generated by Speicher. This landfill will augment incinerators will be constructed in FY07 on the complex by safely disposing of solid waste

REQUIREMENT:

generated at Speicher.

1.COMPONENT	DV 0000 MTI	TEADII GOM			2.DATE	
ARMY	FY 2008 MIL:	ITARY CONS	STRUCTION PROJE	ECT DATA	03 .	FEB 2007
3.INSTALLATION AN	LOCATION				03 1	FEB 2007
Camp Speicher,	, Iraq					
4.PROJECT TITLE				5.PROJECT NU	MBER	
Landfill Const	ruction				68	8021
9. COST EST	IMATES (CONTINUED)			т	Jnit	Cost
Item		UM (M/E)	QUANTITY		COST	(\$000)
100111		OPI (14) E)	QOANTITI	`	2001	(\$000)
PRIMARY FACIL	ITY (CONTINUED)					
Perimeter Fend	ce (1,450')	LS				(45)
Haul Road (24'	x500')	LS				(50)
Modular Buildi	ing	LS				(25)
				-	rotal	120
	(· ·					
REQUIREMENT:	(CONTINUED)	-		71.	i	
	ring the design pro			onaitions i	iot requ	uiring
_	iner or gas collect	_		dogdonod 1		+ 0 2 3 0 1 0
CURRENT SITUAT			fills without o	_		
	ollection system to	_	_	_		
	waste is currently	-				-
	arge open pit. Thre					
	ly ash from incine:	rators wi.	ii require an e	environment	tally sa	are
means of dispo		magea mi	ll be gentinge	d to be pla	and in	
IMPACT IF NOT	landfill and perpe		ll be continued	_		
	Solid waste to in				_	ne
_	andfills will remai		-	_		
	continue to burn	_	_		_	11
	rsonnel on camp to			each day wi	IICII WI.	_
ADDITIONAL:	All required phys			errorism/fo	orce	
	asures will be inco		-			e
	to the development					
	ential will be inc				1 3	
		_				
	NTAL DATA:					
A. Estir	mated Design Data:					
(1)	Status:					
						R 2007
			f January 2007.			.00
			ating Used to I		sts	NO
	(f) Type of Design	gn Contra	ct: Design-bui	ild		
(2)	Basis:					
	(a) Standard or 1	Definitiv	e Design: NO			
(-)	m . 1 ~ . ~	, , , ,) (1) 07 (3) (,		4000
(3)	Total Design Cost					\$000)
	(a) Production of	r Plans ai	nd Specificatio	ons	· · ·	250

1.COMPONENT			2.DATE	
ARMY	FY 2008 MILITARY CONSTRUCTION PROJE	ECT DATA		ZD 2007
3.INSTALLATION	AND LOCATION		U3 F1	EB 2007
Camp Speiche				
4.PROJECT TITLE	1	5.PROJECT N	UMBER	
Landfill Con	atmustion		680	221
Landini Con	SCIUCCION		000	721
12. SUPPLEM	IENTAL DATA: (Continued)			
A. Est	imated Design Data: (Continued)			
	(b) All Other Design Costs			
	(c) Total Design Cost(d) Contract			
	(d) Contract			
	(c) III lloube		• • • • • • • • • • • • • • • • • • • •	250
(4)	Construction Contract Award		<u>NOV</u>	2007
(5)	Construction Start		<u>MAR</u>	2008
(6)	Construction Completion		<u>MAR</u>	2009
	ripment associated with this project which we copriations: The procuring are also associated with this project which we coprise the procuring are also associated with this project which we coprise the project which we can be approximated by the pro	Fisca	rovided fr al Year opriated	com
Nomencla	_		quested	(\$000)
	NONE			
l				
l				
l				
l				

DD 1 FORM 1391C

1.COMPONENT								2.DATE	
	FY 2	008 MILI	TAR	Y CO	NST	RUCTION PROJ	ECT DATA		
ARMY						Π		03	FEB 2007
3.INSTALLATION AND	LOCAT	ION				4.PROJECT TITLE		_	
Camp Speicher						Waste Water	Treatme	nt & Col	lection
Iraq				1		System	1		
5.PROGRAM ELEMENT		6.CATEGORY CODE		7.1	PROJ	ECT NUMBER		COST (\$00	
							Auth Approp		800
		831	_	GOGE		68011	Арргор	9,	800
			9	. COST	EST	IMATES			
	TEM		UM	(M/E)		QUANTITY		UNITCOST	COST (\$000)
PRIMARY FACILIT			_ , ¬	(: \		/	>		7,239
Primary Waste W				(KG)		3,785 (
Sewage/Waste Tr		ent Building		(SF)		557.42 (6,000)		
Concrete Manhol			EA			10		5,600	
Sewage Lift Sta			EA			2		206,050	
Sewer Pumping S			EA			2		125,000	
Total from Co									(2,519)
SUPPORTING FACI		<u>ES</u>	T 6						1,100
Electric Servic			LS						(100)
Water, Sewer, G			LS						(175)
Paving, Walks,			LS						(125)
Site Imp(500			LS						(500)
Antiterrorism M	leasu:	res	LS						(200)
ESTIMATED CONTR									8,339
CONTINGENCY PER	CENT	(5.00%)							417
SUBTOTAL									8,756
SUPV, INSP & OV									674
DESIGN/BUILD -	DESI	GN COST							350
TOTAL REQUEST		\							9,780
TOTAL REQUEST (9,800
INSTALLED EQT-C	THER	APPROP							(0)
					<u> </u>				
10.Description of Propose						stewater Tre			
Collection Syst									
includes sewer									_
station, emerge		•			_	•			
measures. Exist	_							retenti	on and
oxidation ponds	wil.	l be used to	the	max	imu	m extent pos	sible.		
11 770		BOE 7 / 3				110177			2 505 7 / 3
11. REQ:		,785 L/d ADQT					UBSTD:		3,785 L/d
		a Wastewater					_		
		project is r			_				
method of colle		-	_	_					_
and removing wa									
creates potenti									
within one year		ea on current	CO	sts	οİ	pumping and	trucking	wasterw	ater to
disposal sites.			,			1			
CURRENT SITUATI					_	have sepera			
be pumped out a									
process is extr	emel:	y expensive a	and	and	tim	e consuming.	The tru	cks must	be

1.COMPONENT						2.DATE	
	FY 2008 MIL	ITAF	RY CONST	RUCTION PRO	OJECT DATA		
ARMY						03	FEB 2007
3.INSTALLATION AND	D LOCATION						
Camp Speigher	Trag						
Camp Speicher, 4.PROJECT TITLE	Iraq				5.PROJECT	NUMBER	
Waste Water Tr	reatment & Collect	ion	System			6	58011
9. COST ESTI	MATES (CONTINUED)						
T.L		T T N #	(N# / TT)		T13.7	Unit	Cost
Item		UM	(M/E)	QUANTI	T. Ā	COST	(\$000)
PRIMARY FACILI	TY (CONTINUED)						
A/C Surface	(001(111(022)	LS			_		(1,000)
Ductile Iron P	ipe,	m	(LF)	7,010 (23,000)	188.12	(1,319)
PVC, Schedule	40	m	(LF)	1,219 (4,000)	81.69	(100)
Standby Genera	itor	EΑ		4 -	_	25,000	(100)
						Total	2,519
a	/ / / / / / / / / / / / / / / / / / / /	,					
CURRENT SITUAT		_					
_	tection risk. The					o tanks	results
IMPACT IF NOT	eaks that leaves s			ed on the gentlement of the section and of	_	11 gont:	inuo to
	d hazardous probl		_		_		inue co
_	monetary resource				_		
_	for search and i				_	wasce	
	All required phys	_				force	
	sures will be inc			-			oe .
_	to the development	_					
_	ential will be inc		_				
	ITAL DATA:						
	nated Design Data:						
(1)	Status:	Q+				1.4.7	ND 2007
	(a) Date Design(b) Percent Comp						AR 2007
	(b) Percent Comp(c) Date 35% Des			-			
	(d) Date Design						
	(e) Parametric C	-	-				
	(f) Type of Desi						110
	(1) Type of Best	9 `	JOHOLAGO	. Debigii .	oullu		
(2)	Basis:						
	(a) Standard or	Def:	initive	Design: No	O		
(3)	Total Design Cost						(\$000)
	(a) Production o						
	(b) All Other De						
	(c) Total Design						
	(d) Contract						
	(e) In-house	• • •		• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	400
(4)	Q		<u>. 7</u>			37/	27. 2007
(4)	Construction Cont	racı	t Award.			<u>N</u> C	3V 2007

1.COMPONENT			2.DATE	
	FY 2008 MILITARY CONSTRUCTION PROJ		_,	
ARMY			03 FE	B 2007
3.INSTALLATION AN	D LOCATION			
	_			
Camp Speicher,	Iraq	5.PROJECT N	IMPED	
4.PROJECT TITLE		5.PROJECT N	UMBER	
Waste Water Tr	reatment & Collection System		680	11
waste water in	eachient & correction bystem		000	
12. SUPPLEMEN	TTAL DATA: (Continued)			
	mated Design Data: (Continued)			
(5)	Construction Start		MAR	2008
(6)	Construction Completion		<u>MAR</u>	2009
D	mont aggarated with this project which			om
B. Equipother approp	oment associated with this project which	wiii be pr	ovided ir	OIII
Ocuer approf	TIACIONS.	Fisca	l Year	
Equipment	Procuring		priated	Cost
Nomenclati			quested	(\$000)
				
	NONE			

1.COMPONENT								2.DATE		
	FY 2	008 MII	LITARY	CON	STRUCTION P	ROJE	ECT DATA			
ARMY								03	FEB 2007	
3.INSTALLATION AND	D LOCAT	CION			4.PROJECT T	TITLE				
Camp Speicher										
Iraq	Iraq Rotary Wing Parking Apron									
5.PROGRAM ELEMENT		6.CATEGORY COI	DΕ	7.PR	OJECT NUMBER		8.PROJECT	COST (\$00	0)	
							Auth	49,000		
		113			68004		Approp	49,		
		-	9.0	COST E	STIMATES			- ,		
	ITEM		UM (M/E)	QUANT	TTTY		UNITCOST	COST (\$000)	
PRIMARY FACILI			011 (11/ 2/	2011112			01.11 0001	29,200	
	 irkina	Apron	m2 (SY)	334,451	(4	100,000)	83.72	*	
8" Black Steel	_	-	-	LF)			6,600)	198.85	(400)	
6" Black Steel		-	-	LF)	1,006		-	173.98		
Filter Building 500 GPM			LS	,	_,		-,,		(500)	
Fuel Pumps	.,		LS						(125)	
									(=== /	
SUPPORTING FAC	CILITI	ES							12,250	
Electric Servi	.ce		LS						(3,850)	
Storm Drainage	<u> </u>		LS						(1,600)	
Site Imp(4,00		mo()	LS						(4,000)	
Antiterrorism			LS						(2,800)	
									(= / = = = /	
ESTIMATED CONT	RACT	COST							41,450	
CONTINGENCY PE									2,073	
SUBTOTAL		(3.330)							43,523	
SUPV, INSP & C	WEBHE	AD (7 70%)							3,351	
DESIGN/BUILD -									1,741	
TOTAL REQUEST	2101	01, 0001							48,615	
TOTAL REQUEST	(BOIIM	DED)							49,000	
INSTALLED EQT-									(0)	
THOTALLID EQT	O 111111	111 1 1001							(0)	

10.Description of Proposed Construction Construct a concrete helicopter parking apron for Camp Speicher to support an increased rotary wing aircraft population. Site preparation, concrete parking apron, pavement markings, apron edge lighting, force protection measures, and all other work as necessary to provide a complete and useable helicopter parking apron.

334,451 m2 ADQT: NONE SUBSTD: NONE 11. REQ: PROJECT: Construct a Helicopter Parking Ramp. The parking ramp must be large enough to accomodate an increased population of AH-64 helicopters. Each AH-64 must be parked with 100' spacing between rotor masts. The ramp will be 8' concrete. Construct a Fixed Refuel Facility. The refuel site must accomadte four drive through refuel points for UH and CH aircraft. The refuel surface will be 8' concrete. Install lighting, fuel equipment and force protection. As a final Contingency Operating Base, Base Camp Speicher will have to support an additional squadron of helicopters to facilitate base consolidation. Another mobility ramp project has been submitted to only remove the current population of aircraft off the existing taxiways. Preliminary planning indicates that as many as 16 helicopters will be based at Speicher. Under the Iraqi regime, Al Sahra AB (the airfield on which Speicher is

1.COMPONENT	FY 2008	MTTTTNDV	CONSTRUCTION	DDO.TEC	ע די ארדי ז	2.DATE		
ARMY	F1 2006	MIDITAKI	CONSTRUCTION	FROOLC	DAIA	03	FEB	2007
3.INSTALLATION AN	D LOCATION					•		
Camp Speicher,	, Iraq							
4.PROJECT TITLE				5	PROJECT N	IUMBER		
Rotary Wing Pa	arking Apron					(58004	1
1								

REQUIREMENT: (CONTINUED)

collocated) was a pilot training base and did not support many large aircraft or helicopters. Those aircraft that were supported were housed in hardened aircraft shelters (HAS), all of which are currently occupied by other functions. There is not sufficient space on the limited parking ramps to accomodate the extra helicopters.

This mission is currently not supported at Speicher; this CURRENT SITUATION: is an emerging mission due to base consolidation. An additional 1391 (68413) was submitted to provide ramp parking for the current popoulation of aircraft. IMPACT IF NOT PROVIDED: If not provided, helicopters will be forced to park on unprepared surfaces. The constant dust blown around by the rotors will contribute to increased mechanical wear and tear on the aircraft, accelerate corrosion, and require increased maintenance time. In addition, the low visibility in brownout conditions significantly increase the chance for an accident.

All required physical security and antiterrorism/force ADDITIONAL: protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

12. SUPPLEMENTAL DATA:

- Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	FEB	2007
(b)	Percent Complete As Of January 2007		.00
(C)	Date 35% Designed	OCT	2007
(d)	Date Design Complete	FEB	2008
(e)	Parametric Cost Estimating Used to Develop Costs		NO

- (f) Type of Design Contract: Design-build

(2)	Basis: (a) Standard or Definitive Design: NO	
(3)	<pre>Total Design Cost (c) = (a)+(b) OR (d)+(e): (a) Production of Plans and Specifications (b) All Other Design Costs</pre>	
	(c) Total Design Cost	700
	(d) Contract	
(4)	Construction Contract Award	NOV 2007
(5)	Construction Start	MAR 2008

(6) Construction Completion..... MAR 2009

1.COMPONENT				2.DATE							
	FY 2008 MILITARY	CONSTRUCTION	PROJECT DATA	A							
ARMY				03 FEB 2007							
3.INSTALLATION A	ND LOCATION			•							
Camp Speicher, Iraq											
4.PROJECT TITLE			5.PROJEC	T NUMBER							
Rotary Wing P	arking Apron			68004							
12. SUPPLEME	NTAL DATA: (Continued)										
A. Esti	mated Design Data: (Con	tinued)									
B. Equi	pment associated with the	his project wh	nich will be	provided from							
other appro											

NONE

Appropriation

Procuring

Equipment

Nomenclature

Fiscal Year Appropriated

Or Requested

Cost

(\$000)

1.COMPONENT								2.DATE	
	FY 2	008	MIL	TARY	CON	STRUCTION PRO	JECT DATA		
ARMY								03	FEB 2007
3.INSTALLATION AN	D LOCAT	ION				4.PROJECT TIT	LE	•	
Camp Taqqadum									
Iraq						Landfill C	Constructi	on	
5.PROGRAM ELEMENT	ı	6.CATEGO	RY CODE		7.PF	ROJECT NUMBER	8.PROJECT	COST (\$00	0)
							Auth		880
		8	34			68016	Approp		880
				9.C	OST I	ESTIMATES			
	ITEM			UM (1	M/E)	QUANTI	ГҮ	UNITCOST	COST (\$000)
PRIMARY FACILI									689
Foundation Lay				LS					(82)
Gas Collection Layer			LS					(148)	
Geomembrane Ba		_		LS					(143)
Compacted Barı		ayer		LS					(112)
Drainage Layer				LS					(155)
Total from (page						(49)
SUPPORTING FAC		<u>ES</u>							63
Electric Servi				LS					(22)
Site Imp(41) Demo()		LS					(41)		
ESTIMATED CONT			٥.						752
CONTINGENCY PE	ERCENT'	(5.00	(왕)						38
SUBTOTAL			500						790
SUPV, INSP & C			70왕)						61
DESIGN/BUILD -	- DEST	GN COST							32
TOTAL REQUEST	/ DOINT	חחם /							883
TOTAL REQUEST									880
INSTALLED EQT-	-OTHER	APPROF	,						(0)
				<u> </u>	1		16'11 6		. ,
10.Description of Prop						one acre land			
of incinerator						_	_	_	
project consis				_		_	_	_	
leachate colle specific varia			_	_		_			
_							_		
conditions du									
construction, necessary work									
existing nonst	_		_	Tere	and	usable landi	.III and I	emediace	
existing nonst	Januar	u Tanui							
11. REQ:		NA	ADQ	r.		NA	SUBSTD:		NA
	struct				111	to handle 8-t		v solid	
generated at 1			ucic i	Lanal		co manare o c	on per da	y borra	wabcc
REQUIREMENT:	_		11 is	to d	i sno	se of approxi	mately 8	tons per	day of
solid waste ge									
already in use									
incinerated ar									so be
used for the		_							
nongtandard ha				_			_	_	

1.COMPONENT						2.DATE	
	FY 2008	MILITAR	Y CONST	RUCTION PROJE	CT DATA		
ARMY						03	FEB 2007
3.INSTALLATION AN	D LOCATION					•	
Camp Taqqadum,	Iraq						
4.PROJECT TITLE		5.PROJECT N	UMBER				
Landfill Const	ruction				68016		
9. COST EST	MATES (CONTIN	NUED)					
						Unit	Cost
Item		UM	(M/E)	QUANTITY		COST	(\$000)
PRIMARY FACILI	TY (CONTINUE	<u>)</u>					
Perimeter Fend	ce	LS					(10)
Haul Road		LS					(14)
Modular Buildi	ing	LS					(25)
						Total	49

REQUIREMENT: (CONTINUED)

identified during the design process due to geologic conditions not requiring a synthetic liner or gas collection system.

CURRENT SITUATION: Open dumps and landfills without designed liner materials or leachate collection system to protect groundwater are being used. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit. A 15-ton incinerator will be constructed in FY07. The daily ash from incinerator will require an environmentally safe means of disposal.

IMPACT IF NOT PROVIDED: Solid waste will be continued to be placed in a non-standard landfill and perpetuate the possibility of contaminating the ground water. Solid waste to include scrap metals in open dumps and nonstandard landfills will remain mingled and not be properly disposed. Taqaddum will continue to burn large amounts of trash each day which will expose the personnel on camp to the hazardous smoke.

<u>ADDITIONAL:</u> All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	MAR 2007
(b)	Percent Complete As Of January 2007	.00
(C)	Date 35% Designed	OCT 2007
(d)	Date Design Complete	FEB 2008
(e)	Parametric Cost Estimating Used to Develop Costs	NO
<i>(</i> C <i>)</i>		

- (f) Type of Design Contract: Design-build
- (2) Basis:
 - (a) Standard or Definitive Design: NO

1.COMPONENT				2.DATE				
	FY 2008 MILITA	RY CONSTRUCTION PROJE	CT DATA					
ARMY				03 FE	3 2007			
3.INSTALLATION AN	D LOCATION							
Camp Taqqadum,	Iraq							
4.PROJECT TITLE	- <u>-</u>		5.PROJECT N					
Landfill Const	ruction			6801	16			
Lanarir Comb								
12. SUPPLEMEN	TAL DATA: (Continued)						
	nated Design Data: (C							
A. ESCIII								
		n Costs						
		st						
	(e) In-house			· · · ·	40			
(4)	Construction Contrac	t Award		<u>NOV 2</u>	2007			
(5)	Construction Start			MAR 2	2008			
(6)	Construction Complet	ion		MAR 2	2009			
, ,	-							
B. Equir	ment associated with	this project which w	ill he nr	rowided fro	nm_			
other approp		ciiis projece wiireii w	TII DC PI	OVIACA IIO	J111			
other approp	Difactons.		Eiggs	al Year				
. .		. ·			a .			
Equipment		Procuring		priated	Cost			
Nomenclati	ire	Appropriation	<u>Or Re</u>	equested	(\$000)			
		NONE						

1.COMPONENT									2.DATE	
I. COM ONDIVI	FY 2	008	MTT.	TTAR	Y CON	NSTRUCTION	PRO.TI	ברת המתמ		
ARMY	11 2	000	17111	LIMI	1 CO1	NOTROCITON	11001	JCI DAIA		FEB 2007
	INSTALLATION AND LOCATION 4.PROJECT TITLE								0.5	FEB 2007
Iraq Various										
Iraq various						Urban B	ar Dag	ra Poad		
5.PROGRAM ELEMENT		6.CATEGO	DRY CODE	!	7 P	ROJECT NUMBER	-		COST (\$00	10)
J.IROGIGET EEERIENT		0.0111100	oner cobi	•	/ • •	ROODET WOLDER	•	Auth	43,	
		Q	851			68008		Approp	43,	
			,,,,	9	COST	ESTIMATES			±3,	000
	T.T.T.1			,						GOGT (*000)
PRIMARY FACILI	ITEM TV			UM	(M/E)	QUA	NTITY		UNITCOST	COST (\$000) 34,081
Base & Shoulde				m3	(CY)	1438097	, , -	1880960)	19.11	•
Culverts & Hea		C		EA	(CI)) – –	1000900)	9,200	
Asphalt Paving		D			(SF)			9659631)		
Centerline & E		f Davor	ont		(LF)	2894760		9497244)		-
cencerrine & r	auge 0.	I Favell	i c iic	111	(Пг.)	2094700	, (-	7431244)	. 73	(2,104)
SUPPORTING FAC	ידי דיידי	EC.								2,975
Site Imp(2,97			١	LS						(2,975)
Site imp(2,9)	o) Dei	iliO (,	цо						(2,913)
ESTIMATED CONT										37,056
CONTINGENCY PE	ERCENT	(5.00)응)							1,853
SUBTOTAL										38,909
SUPV, INSP & C			70왕)							2,996
DESIGN/BUILD -	DESI	GN COST								1,556
TOTAL REQUEST										43,461
TOTAL REQUEST	(ROUN	DED)								43,000
INSTALLED EQT-	OTHER	APPROP								(0)
10.Description of Prop	osed Const	ruction	Con	stru	ct ar	nd upgrade	a 301	cm (18.6	mile) U	rban
Bypass Road (0	Counte	r IED)	to av	oid	dense	ely populat	ed ar	nd high	threat u	rban
areas for Tikr										
construction o		_			_					
Paving and rig			_			_		-		
military traff		_	_						_	-
grading, and b			_			_		_	_	
support struct										
specific engir		_				_				-
a complete and				Lou	CULCE	o, and all	WOLIL	as requ	1100 00	provide
a comprete and	. abcai	21C 1Oa								
11. REQ:			n ADQ'	г.		NONE	QT	JBSTD:		NONE
	truct				nadd	Counter IE			the wiei	
Tikrit, Iraq.	o c I u C C	a JUKII	ı orba.	т БХ	pass/	Counter IF	יחי גיטו	ACE, III	CITE ATCT	IIICY OL
, -	C1170-0	ont mil	i + 0 202 -	a	n],, +	-raffia +b-	.011~h	+ho mil-	rit once	11000
REQUIREMENT:			_			raffic thr	_			
existing roads										
small arms att										_
an alternate n	.oute a	arouna.	LIIIS	TLA	, lt	will reauc	e tha	at cnrea	ı and re	auce the

1.COMPONENT	ΕV	2008	MTTTTNDV	CONSTRUCTION		עייי ערו יייי	2.DATE		
ARMY	ΓI	2008	MILLIARI	CONSTRUCTION	PROUE	JI DAIA	0.3	FFD	2007
3.INSTALLATION AN	D LOCATIO	N					0.5	LED	2007
Iraq Various,	Iraq								
4.PROJECT TITLE					Ē	PROJECT N	NUMBER		
Urban By Pass	Road						(68008	3

REQUIREMENT: (CONTINUED)

features that will make it more difficult for anti-Iraqi forces to emplace and employ improvised explosive devices, as well as minimize the hazard from detonated IED's.

CURRENT SITUATION: Significant numbers of military convoys are subject to increased exposure to IED attacks when they transit though densely populated areas of Tikrit, Iraq. When they transit through these areas, convoys have to slow down and get intermingled with civilian traffic, which makes them an easier target of small arms fire and explosive devices. As a result of these attacks, noncombatants are exposed to unacceptable risks to life and limb. IMPACT IF NOT PROVIDED: Failure to provide these roads will result in continued exposure of US and Coalition forces as well as Iraqi non-combatants to unacceptable IED and insurgent threats. As a result, we will continue to lose critical manpower and assets to these threats.

All required physical security and antiterrorism/force ADDITIONAL: protection measures will be incorporated. Sustainable principles will be integrated into the project development, design, and construction of the project. Joint use potential will be incorporated where feasible.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	MAR	2007
(b)	Percent Complete As Of January 2007		.00
(C)	Date 35% Designed	OCT	2007
(d)	Date Design Complete	FEB	2008
(e)	Parametric Cost Estimating Used to Develop Costs		NO
	The of Docion Control Docion build		

- (f) Type of Design Contract: Design-build

(2)	Basis: (a) Standard or Definitive Design: NO	
(3)	Total Design Cost (c) = (a)+(b) OR (d)+(e): (a) Production of Plans and Specifications (b) All Other Design Costs	1,500
(4)	Construction Contract Award	
(5)	Construction Start	MAR 2008
(6)	Construction Completion	MAR 2009

1.COMPONENT				2.DATE						
ARMY	FY 2008 MILIT	ARY CONSTRUCTION PROJE	ECT DATA	03 FF	B 2007					
3.INSTALLATION AN	ID LOCATION			00 11	.2 2007					
Iraq Various,	Iraq									
4.PROJECT TITLE			5.PROJECT N	UMBER						
Urban By Pass	rban By Pass Road 68008									
2. SUPPLEMENTAL DATA: (Continued)										
	mated Design Data: (
B. Equipother other approp		h this project which w	vill be pr	ovided fr	om					
other approp	DITACIONS:		Fisca	ıl Year						
Equipment Nomenclatı	ıre	Procuring Appropriation		priated quested	Cost (\$000)					
		NONE								

1.COMPONENT							2.DATE	
1. COM ONDIVI	FY 2	OO8 MTI	TTARY	CONS	TRUCTION PRO	TECT DATA	-	
ARMY	1 1 2	000 1111		00111	71110011011 1110	OLCI BIIII		FEB 2007
3.INSTALLATION AND LOCATION 4.PROJECT TITLE								1111 2007
Camp Victory								
Iraq					Landfill C	onstructi	on	
5.PROGRAM ELEMENT		6.CATEGORY COI)E	7.PRO	DJECT NUMBER		COST (\$00	00)
						Auth		200
		834			68023	Approp	•	200
		331	9.0	OST E	STIMATES	I	٠,	200
	TITIM		TTM /1	M (T)	OHANIITI	73.7	ITMITTE COCE	GOGE (\$000)
PRIMARY FACILI	ITEM		UM (I	M/E)	QUANTIT	TY	UNITCOST	COST (\$000) 4,869
Foundation Lay		agre)	LS					(598)
Gas Collection			LS					(1,078)
Geomembrane Ba	_		LS					(1,045)
Compacted Barr		паует	LS					(820)
_			LS					(1,128)
Drainage Layer		ustion nage	цо					(200)
Total from (SUPPORTING FAC								
Electric Servi		<u> </u>	т С					458
		/	LS					(158)
Site Imp(30	00) Dei	mo()	LS					(300)
ESTIMATED CONT	TRACT (COST						5,327
CONTINGENCY PE	ERCENT	(5.00%)						266
SUBTOTAL								5,593
SUPV, INSP & C	VERHE	AD (7.70%)						431
DESIGN/BUILD -	- DESI	GN COST						224
TOTAL REQUEST								6,248
TOTAL REQUEST	(ROUN	DED)						6,200
INSTALLED EQT-	OTHER	APPROP						(0)
~								(- /
10.Description of Prop	osed Const	ruction Cor	nst ruct	t a f	ive acre lar	dfill for	a safe	disposal
of incinerator								-
(VBC). The pla								
venting system								
water barrier								
ground water of								
preparation, o								
		_						_
all other nece					ipiete and us	able land	IIIII allu	
remediate exis	sting i	nonstandard	Tandi.	111.				
11		0 1 70				GIID GED		
11. REQ:		2 ha AD(-	c'	NONE	SUBSTD:		NONE
				tıll	to handle 60	-ton per	day soli	d waste
generated at N					_	_		_
REQUIREMENT:				_	se of approxi	_	_	_
solid waste ge								
in use on the								
disposal of th								
remediation of already accumulated waste from open dumps and nonstandard								

1.COMPONENT					2.DATE	
	FY 2008	MILITARY C	ONSTRUCTION	PROJECT	DATA	
ARMY					03	3 FEB 2007
3.INSTALLATION AND	D LOCATION					
Camp Victory,	Iraq					
4.PROJECT TITLE				5.Pl	ROJECT NUMBER	
Landfill Const	ruction					68023
9. COST ESTI	MATES (CONTIN	UED)				
					Unit	Cost
Item		UM (M/	E) QUAN	TITY	COST	(\$000)
PRIMARY FACILI	TY (CONTINUED)				
Perimeter Fenc		LS				(75)
Haul Roads		LS				(100)
Modular Buildi	.nq	LS				(25)
	_				Total	200

REQUIREMENT: (CONTINUED)

during the design process due to geologic conditions not requiring a synthetic liner or gas collection system.

CURRENT SITUATION: Open dumps and landfills without designed liner materials or leachate collection system to protect groundwater are being used. Two 30-ton incinerators are currently in operation with an additional 120 ton capacity being constructed in FY07. The daily ash from incinerators continues to accumulate without a legitimate means of disposal. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit.

IMPACT IF NOT PROVIDED: Solid waste will be continued to be placed in a non-standard landfill and perpetuate the possibility of contaminating the ground water. Solid waste to include scrap metals in open dumps and nonstandard landfills will remain mingled and not be properly disposed. VBC will continue to burn large amounts of trash each day which will expose the personnel on camp to the hazardous smoke.

<u>ADDITIONAL:</u> All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	MAR 2007
(b)	Percent Complete As Of January 2007	.00
(C)	Date 35% Designed	OCT 2007
(d)	Date Design Complete	FEB 2008
(e)	Parametric Cost Estimating Used to Develop Costs	NO

- (f) Type of Design Contract: Design-build
- (2) Basis:
 - (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a) + (b) OR (d) + (e): (\$000)

1.COMPONENT				2.DATE		
	FY 2008 MILIT	TARY CONSTRUCTION PROJE	ECT DATA			
ARMY				03 FEB 2007		
3.INSTALLATION AN	ND LOCATION					
Camp Victory,	Iraq		T			
4.PROJECT TITLE			5.PROJECT N	UMBER		
Landfill Cons	truction			68023		
12. SUPPLEME	NTAL DATA: (Continue	ed)				
	mated Design Data:					
	(a) Production of	Plans and Specification				
	(b) All Other Des:	ign Costs		• • •		
		Cost				
	(e) In-house			240		
(4)	Construction Contra	act Award		<u>NOV 2007</u>		
(5)	Construction Start			<u>MAR 2008</u>		
(6)	Construction Comple	etion		MAR 2009		
other appro	other appropriations:					
Nomenclat	ure	<u>Appropriation</u>	<u>Or Re</u>	<u>quested</u> (\$000)		
		NONE				

1.COMPONENT									2.DATE			
I. COME OMEMI	FY 2008 MILITARY CONSTRUCTION PROJECT DATA											
ARMY	11 2	000 1111.	TIM	.1	LON	ROCITON FR	.001	CI DAIA		FEB 2	2007	
3.INSTALLATION AN	D LOCAT	TON				4.PROJECT TI	TLE		03	red 2	1007	
Camp Victory	D LOCIII	101				111100201 11						
						Entair Con	+ 200	l Doint				
Iraq 5.PROGRAM ELEMENT		6.CATEGORY CODE	,	7 -	DO T	Entry Con	LLLC		COST (\$00	.0.)		
5.PROGRAM ELEMENT		6.CATEGORY CODE	5	/.F	KUJ.	ECT NUMBER		8.PROJECI Auth				
		4-4						Approp	•	5,000		
		154	0	GOGE	nom.	68002 IMATES		прртор	5,	000		
						IMATES		-				
	ITEM		UM	(M/E)		QUANTI	ITY		UNITCOST		(\$000)	
PRIMARY FACILI											3,209	
Dispatch Build	_			(SF)		120.40 (1,296)			(389)	
Access Control		-	m2	(SF)		5.57 (60)	-		(10)	
Guard Tower, a			EΑ			1 -			25,000		(25)	
Roads, Access		-	m	(LF)		3,000 (9,843)			L , 975)	
Protective Bar	rier,	Pop-up	EΑ			2 -	-		107,500		(215)	
Total from (Contin	uation page									(595)	
SUPPORTING FAC	CILITI	ES								1	L,088	
Electric Servi	Lce		LS			-	-				(825)	
Water, Sewer,	Gas		LS			_	-				(83)	
Paving, Walks,	Curb	s & Gutters	LS			-	-				(30)	
Site Imp(15			LS			-	-				(150)	
											ļ	
ESTIMATED CONT	TRACT	COST									1,297	
CONTINGENCY PE										•	215	
SUBTOTAL		(31337)									1,512	
SUPV, INSP & C	MEBHE	AD (7 70%)								•	347	
DESIGN/BUILD -											180	
TOTAL REQUEST	DUDI	GIV CODI									5,039	
TOTAL REQUEST	(DOITN	רבט)									5,000	
INSTALLED EQT-										_	(0)	
TMOINTED EOL-	OIUEK	APPROP									(0)	
			1									

10.Description of Proposed Construction Construct a new entry control point to Victory Base Complex to include traffic controls, isolation capability, unit protection and detection and screening capability. Traffic control measures include multiple traffic lanes, a separate passenger entrance, designated parking areas, speed humps, traffic lights, signage, kick out lane, and public address system. Isolation capability incorporates design to keep drivers and passengers separate, to ensure proper badging, separation of traffic prior to entry, capability of closing entrance at main supply route, control of inter-tier movement with various barrier systems, and a separate escort area. Unit protection includes towers to overwatch ECP, facility accommodations for working dogs, mobile barriers, quick reaction force access from rear of ECP, K12 rated hydraulic pop-up barriers, blast walls throughout ECP, and a centralized control tower. The detection and screening capabilities include multiple screening lanes, badging capability on site, a SPRUCE Jammer, remote systems to limit personnel requirements and vulnerability, illumination of ECP for visibility, and state of the art vehicular and personnel screening systems.

1.COMPONENT 2.DATE FY 2008 MILITARY CONSTRUCTION PROJECT DATA ARMY 03 FEB 2007 3.INSTALLATION AND LOCATION Camp Victory, Iraq 4.PROJECT TITLE 5 PROJECT NUMBER Entry Control Point 68002 COST ESTIMATES (CONTINUED) Unit Cost Item UM (M/E)OUANTITY COST (\$000) PRIMARY FACILITY (CONTINUED) Gate, Sliding Electric EΑ 225,000 (450)Exterior Lighting LS (50)- -Under-Vehicle Camara System EΑ 1 --25,000 (25)Light Set, Traffic Control EΑ 2 --35,000 (70)Total 595 11. REQ: 1 EA ADQT: NONE SUBSTD: NONE PROJECT: Construct an Entry Control Point 14, VBC - Victory, Iraq. REQUIREMENT: ECP 14 will improve the flow of traffic off of Route Irish, a main supply route, onto Victory Base Complex (VBC) as well as reduce the requirement for other ECPs. The new ECP would be able to handle all military traffic bound for VBC from central Baghdad as well as Iraqi Special Forces traffic bound for West Baghdad International Airport (BIAP) and local national vehicular traffic bound for VBC. The addition of this ECP will allow VBC to tighten its security by completely eliminating two existing ECPs (5 and 8) and by reducing two other ECPs to outbound vehicular traffic only (2 and 13). Overall it will reduce the ECP manning requirements by 20% (24 guards) and increase throughput capacity 100%. If capability is compared to the recent closure of ECP 1A an additional 46 guards have been saved with the construction of ECP 14 for the same capability. This reduction in manpower results in a \$4.69M annual savings. Compared to the \$5.0M investment we will have an 13-month payback. The construction of ECP 14 improves the safety of soldiers on Route Irish, reducing risk and exposure to attack and reduces manpower requirements while increasing efficiency and lowering costs. CURRENT SITUATION: Victory Base Complex is a central Contingency Operating Base (COB) that sits at the intersection of three major Main Supply Routes (MSRs). Route Irish is a major MSR from downtown Baghdad to MSR Tampa as well as the primary route taken by diplomats and dignitaries from the International Zone to BIAP. The current situation is such that the only entrance on to VBC from Route Irish is through ECP 13 on the south side of the divided highway. The entrance to the ECP requires convoys and patrols to make a cross over from the north side of the road to the south side. This requires the convoys and patrols to slow down at the Flying Man Statue, which has been the site of numerous SVBIED attacks, and make a dogleg crossover to an approach lane on the south side. This also requires the crossing of traffic coming out of BlAP on the south side of Rt Irish. Lastly, the convoys and patrols must drive down an 800m long approach lane to ECP 13. Once down the approach lane, the convoys and patrols are inspected at ECP 13. Some patrols enter VBC at ECP 13, however, truck convoys are required to continue down a single lane 100m to an

1.COMPONENT	FY 20	.∩o MTI T™\DV	CONSTRUCTION	סס∧דערייי	עיייער	2.DATE		
ARMY	F1 20	06 MILITARI	CONSTRUCTION	PROUECT	DATA	03	FEB 2	2007
3.INSTALLATION AN	D LOCATION					•		
Camp Victory,	Iraq							
4.PROJECT TITLE				5.	PROJECT N	UMBER		
Entry Control	Point					6	58002	

CURRENT SITUATION: (CONTINUED)

additional cross over that takes them back across traffic to the north side of Rt. Irish. This is all required because ECP 1, manned by Global Security Company, doesn't allow military traffic through their check point. The circuitous route exposes convoys and patrols to unnecessary danger from possible insurgent attacks where they are required to slow down and drive through confined lanes still in unsecured areas. Additionally, they are required to cross traffic multiple times that exposes the convoys and patrols to additional risk of accidents and again possible ambush points for insurgent SVBIED. The new ECP would take advantage of technology that allows for efficient and quick processing of vehicles and personnel to minimize exposure in unsecured areas. Additionally, the ECP is designed to take advantage of geometric traffic flow design to provide cover to incoming convoys and patrols as well as divide traffic up to ensure convoys and patrols are protected in their approach to VBC.

IMPACT IF NOT PROVIDED: The new ECP addresses multiple force protection and traffic safety vulnerabilities that would not be otherwise addressed. The new ECP addresses the need for convoys and patrols to prevent exposure to unnecessary danger areas by segregating traffic, providing necessary cover when approaching the ECP and ensuring military, VIP and truck convoys are protected coming onto VBC. Additionally, the reduction of the total number of ECPs will increase the overall security of VBC. The new ECP would also eliminate convoys and patrols from having to unnecessarily cross over congested traffic areas as well as follow the current flow of traffic on Rt. Irish to provide safe entrance and exit from the highway. The new ECP is located on the north side of Rt. Irish so traffic would not have to cross over. Additionally, ECP 14 will allow all traffic from Rt. Irish to be inspected at the ECP and easily merge back onto the BIAP Ring Road en route to checkpoint 5 and 8. Lastly, outbound traffic can enter BIAP through that same merge lane at the rear of ECP 14.

<u>ADDITIONAL:</u> All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	FEB	2007
(b)	Percent Complete As Of January 2007		.00
(C)	Date 35% Designed	OCT	2007
(d)	Date Design Complete	FEB	2008
(e)	Parametric Cost Estimating Used to Develop Costs		NO

		1		1		
1.COMPONENT	EV 2000 MILITARY CONCERNICETON DROTE		2.DATE			
ARMY	FY 2008 MILITARY CONSTRUCTION PROJE	ECI DATA	02 55	B 2007		
3.INSTALLATION AN	D LOCATION	Ļ	03 FE	B 2007		
Camp Victory,	Iraq					
4.PROJECT TITLE	*	5.PROJECT NU	JMBER			
Entry Control	Point		680	02		
	WTAL DATA: (Continued)					
	nated Design Data: (Continued)					
(2)	Basis:					
	(a) Standard or Definitive Design: YES					
	(b) Where Most Recently Used:					
(3)	Total Design Cost (c) = $(a) + (b)$ OR $(d) + (e)$	<u>-) ·</u>	(\$0	00)		
	(a) Production of Plans and Specification					
	(b) All Other Design Costs					
	(c) Total Design Cost					
	(d) Contract					
	(e) In-house			150		
(4)	Construction Contract Award		<u>NOV</u>	2007		
(5) Construction Start						
(6)	Construction Completion		<u>MAR</u>	2009		
	oment associated with this project which w	will be pro	ovided fr	om		
other approp	oriations:	Ei ggol	l Year			
Equipment	Procuring		priated	Cost		
Nomenclati	5		quested	(\$000)		
<u>IVOINCITC LACE</u>	110011111111111111111111111111111111111	01 1100	<u>quebecu</u>	<u>(φοσογ</u>		
	NONE					
Ī						

1.COMPONENT						2.DATE	
7.0047	FY 2008 MII	LITARY	CONS	TRUCTION PROJ	FECT DATA		
ARMY 3.INSTALLATION AN	ID I OCATION			4.PROJECT TITL	T	03	FEB 2007
	ID LOCATION			4.PROUECT TITE	E ₁		
Camp Victory				T 1 2 III -			
Iraq	L GARRIGORY GOT	\	7 PP0	Level 3 Hos	-	, GOGE / GOO	0.)
5.PROGRAM ELEMENT	6.CATEGORY COI)E	7.PRO	JECT NUMBER		COST (\$00	
					Auth Approp	13,4	
	510			68005	прргор	13,4	100
		-		TIMATES			
	ITEM	UM (M/E)	QUANTITY		UNITCOST	COST (\$000)
PRIMARY FACIL		_ ,	>	(7,897
Medical/Healt		m2 (-	2,787 (
Staff Sleeping		m2 (33.91 (
Maintenance F	acilitie	m2 (SF)	501.68 (5,400)	1,582	(794)
SUPPORTING FA	CTLTTTES						3,584
Electric Serv		LS					(843)
Water, Sewer,		LS					(1,450)
		LS					
_	, Curbs & Gutters						(34)
Storm Drainage		LS					(75)
Site Imp(, (LS					(182)
Antiterrorism	Measures	LS					(1,000)
ESTIMATED CON'							11,481
CONTINGENCY P	ERCENT (5.00%)						<u> 574</u>
SUBTOTAL							12,055
SUPV, INSP & 0	OVERHEAD (7.70%)						928
DESIGN/BUILD	- DESIGN COST						482
CATEGORY E EQ	JIPMENT						(0)
TOTAL REQUEST							13,465
TOTAL REQUEST	(ROUNDED)						13,400
INSTALLED EQT	-OTHER APPROP						(0)
10.Description of Prop		ıstruc	t a n	ew Level 3 Me	dical Cl	inic. The	e Clinic
is to have a 1	minimum of 27 beds	s, an	Inten	sive Care Uni	t (ICU),	Intermed	diate
	imal Care Ward (I						
	auma Room, Radiolo					_	_
	al health/stress			_		_	
	errorism/force pro				acion oi	rices. ed	JSC WIII
include ancie	errorrsm/rorce pro	JUECUI	JII IIIE	asules.			
11. REQ:	3,323 m2 AD(NONE S	SUBSTD:		NONE
	struct a new Level	-	dical			ase Comp	
REQUIREMENT:	Construct a Leve				_	_	
	care facility for						
_	e improvements. In						
surdical mitss:	ion and needs a ma	ariicen	ance	racillly lor	ruture o	herarrons	J LIL C

Camp Victory Base is currently served by an Air Force

support of a Brigade sized element. Staff sleeping room for the medical staff

Expeditionaly Medical Squadron (EMEDS) and an Army Troop Medical Clinic (TMC), both operating at Level 3. The facilities can perform all medical services, up

is also needed. CURRENT SITUATION:

1.COMPONENT	FW 004		CONCEDUCATION		T D 3 CC 3	2.DATE
2 224	FY 200	08 MILITARY	CONSTRUCTION	PROJEC	I. DATA	
ARMY						03 FEB 2007
3.INSTALLATION AN	D LOCATION					
	_					
Camp Victory,	Iraq			_		
4.PROJECT TITLE				5	.PROJECT	NUMBER
Level 3 Hospit	-al					68005
HC VCI 3 HODPI	Jui					00005

CURRENT SITUATION: (CONTINUED)

medical facility with a higher level of care. The EMEDS facility presently resides in 5-semi-circular tents linked by a tent corridor. The TMC consists of several tents attached to each other and is located in an abandoned bunker. Neither have indoor plumbing, which is necessary for proper sanitation of the facilities. Both are air-conditioned, but lack proper climate control and sterile, positive pressure operating rooms.

IMPACT IF NOT PROVIDED: The current facilities (EMEDS and the TMC) are considered mobile units and are not suitable as long term medical facilities. Tents will begin to deteriorate within the year and will have to be replaced. Air duct work in the tents is beginning to deteriorate as well. There is also the smell of mildew in the facilities which could result in respiratory illness. This will lead to a decline in medical care for the units at Camp Victory Base. EMEDS is not protected against explosive shrapnel, which is highly possible given its proximity to the perimeter and periodic rocket and mortar attacks.

<u>ADDITIONAL:</u> All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	MAR 2007
(b)	Percent Complete As Of January 2007	.00
(C)	Date 35% Designed	OCT 2007
(d)	Date Design Complete	FEB 2008
(e)	Parametric Cost Estimating Used to Develop Costs	NO

- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:

(3)	Tota	l Design Cost $(c) = (a)+(b)$ OR $(d)+(e)$:	(\$000)
	(a)	Production of Plans and Specifications	400
	(b)	All Other Design Costs	
		Total Design Cost	
	(d)	Contract	400
	(e)	In-house	

1.COMPONENT	TW 0000	MILITARY CONCEDURATION PRO-		2.DATE	
ARMY	FY 2008	MILITARY CONSTRUCTION PROJ	JECT DATA	03 FI	EB 2007
3.INSTALLATION AN	D LOCATION			'	
Camp Victory,	Trag				
4.PROJECT TITLE	1144		5.PROJECT N	NUMBER	
Level 3 Hospit	-al			680	105
Tever 5 Hospit	241				703
	NTAL DATA: (Co				
A. Estin		oata: (Continued) Contract Award		NOV	2007
(5)	Construction	Start		<u>MAR</u>	2008
(6)	Construction	Completion		<u>MAR</u>	2009
B. Equip	pment associat	ed with this project which	will be pr	rovided fi	com
other approp	priations:		ni	-] - 77	
Equipment		Procuring		al Year opriated	Cost
Nomenclati	ıre	Appropriation		equested	(\$000)
		NONE			

1.COMPONENT							2.DATE	
	FY 2	008 MILI	TARY	CONS	STRUCTION PROJE	CT DATA		
ARMY								FEB 2007
3.INSTALLATION AN	D LOCAT	ION			4.PROJECT TITLE		- 03	122 2007
Camp Victory					Waste Water	Treatmen	nt & Col	lection
Iraq					Syste	11 Cacine	.ic & CO1	10001011
5.PROGRAM ELEMENT		6.CATEGORY CODE		7. PR(OJECT NUMBER	8 PROJECT	COST (\$00	10)
511110014111 222112111		0.01120011 0022		, , , , ,	30201 110112211	Auth		800
		831			68012	Approp		800
		031	9 (OST F	STIMATES		9,	800
PRIMARY FACILI	ITEM		UM (M/E)	QUANTITY		UNITCOST	COST (\$000) 7,239
		M	T / J /	T.C.)	2 705 /	1 000\	700 50	-
Primary Waste			L/d(3,785 (
Sewage/Waste I		ent Building		SF)	557.42 (6,000)		
Concrete Manho			EA		10		5,600	
Sewage Lift St			EA		2		206,050	
Sewage Pumping			EA		2		125,000	
Total from C	Contin	uation page						(2,519)
SUPPORTING FAC	CILITI	<u>ES</u>						1,100
Electric Servi	.ce		LS					(100)
Water, Sewer,	Gas		LS					(175)
Paving, Walks,	Curb	s & Gutters	LS					(125)
Site Imp(50	00) De	mo()	LS					(500)
Antiterrorism	Measu	res	LS					(200)
								, ,
ESTIMATED CONT	יים א כיידי	COST						8,339
CONTINGENCY PE								417
SUBTOTAL	11/01/11/1	(3.00%)						8,756
	ים זו כו ים זו	7D (7 70%)						674
SUPV, INSP & C								_
DESIGN/BUILD -	DEST	GN COST						350
TOTAL REQUEST	/							9,780
TOTAL REQUEST								9,800
INSTALLED EQT-	OTHER	APPROP						(0)
10.Description of Propo					Wastewater Coll			
					on Gallons Per	_	_	
sewer mains an	ıd col	lection lines	, ma	nhole	es, lift statio	ons, pum	ping sta	tion,
emergency gene	rator	s, sitework,	pavi	ng, t	itilities, and	anti\te:	rrorism	
measures. Exis	sting	utilities and	l was	tewat	er structures	such as	retenti	on and
oxidation pond	ls wil	l be used to	the	maxin	num extent poss	sible.		
11. REQ:	3	,785 L/d ADQT	:		NONE SU	JBSTD:		3,785 L/d
PROJECT: Cons	truct	Wastewater C	olle	ction	n and Treatment	System	•	
REQUIREMENT:	This	project is n	eede	d to	provide a safe	and co	st effec	tive
method of coll					wastewater. Th			
					anks is expensi			
					ds. The projec			
					pumping and t			
_		ca on current		CD UI	. במווידדווש מווע נ	- uch iiig	wasterw	acer co
disposal sites		-1 '					5.5.1	1

<u>CURRENT SITUATION:</u> The installation currently trucks sewage off base because there are no adequate sewage systems on the base camp. Most of the buildings have separate sewer tanks that must be pumped out and the product taken off

1.COMPONENT	FY 2008 MIL	TTNDV CON	ISTRUCTION PROJE	מרת האתא	2.DATE	
ARMY	11 2000 1111	03 F	EB 2007			
3.INSTALLATION AND	D LOCATION					
Camp Victory, 4.PROJECT TITLE	Iraq			5.PROJECT N	HIMDED	
4.PROJECT TITLE				5.PROJECI I	NOMBER	
Waste Water Tr	reatment & Collect	ion Syste	2		68	3012
9. COST ESTI	MATES (CONTINUED)	-			TT	Q
Item		UM (M/E)	QUANTITY		Unit COST	Cost (\$000)
PRIMARY FACILI	TTY (CONTINUED)					
A/C Surface		LS				(1,000)
Ductile Iron P		m (LF)	7,010 (23,000)	188.12	(1,319)
PVC, Schedule		m (LF)	1,219 (4,000)		(100)
Standby Genera	itor	EA	4		25,000 _	(100)
					Total	2,519
CURRENT SITUAT	TON. (CONTINUET	1)				
	TION: (CONTINUED time consuming. Th		must he inspect	ed and ge	arched r	rior
-	nd leaving the bas		-		-	
	ransfer process f					
	ewage spilled on t			4100 111 11	10440110 1	· Carro
IMPACT IF NOT		_	llection and dis	sposal wil	ll contin	ue to
	nd hazardous probl	_		_		
_	monetary resource			_		
materials, and	d for search and i	.nspection	of vehicles.			
ADDITIONAL:	All required phys	sical secu	rity and antite	errorism/f	force	
protection mea	asures will be inc	orporated	d. Sustainable p	principles	s will be	,
	to the development				e project	
Joint use pote	ential will be inc	corporated	d where feasible	€.		
12. SUPPLEMEN	TAL DATA:					
	nated Design Data:					
(1)	Status:					
	(a) Date Design	Started			<u>FE</u> E	3 2007
	(b) Percent Comp	lete As C	of January 2007	 .	· · · ·	.00
	(c) Date 35% Des	signed		 .	<u>OC</u> T	2007
	(d) Date Design	Complete.			FEE	3 2008
	(e) Parametric C	ost Estin	mating Used to I	Develop Co	osts	NO
	(f) Type of Desi	gn Contra	act: Design-bu	ild		
(2)	Basis:					
(- /	(a) Standard or	Definitiv	ve Design: NO			
(3)	Total Design Cost	(c) - (a	a) + (b) OP (d) + (4	a) ·	(\$	3000)
(3)			and Specification			
			sid specification			

1.COMPONENT			2.DATE	
ARMY	FY 2008 MILITARY CONSTRUCTION PROJE	CT DATA		B 2007
3.INSTALLATION AN	D LOCATION			
Camp Victory,	Trag			
4.PROJECT TITLE		5.PROJECT N	UMBER	
Waste Water Ti	reatment & Collection Syste		680	112
	NTAL DATA: (Continued) nated Design Data: (Continued) Construction Contract Award		NOV	2007
(5)	Construction Start		<u>MAR</u>	2008
(6)	Construction Completion		<u>MAR</u>	2009
	pment associated with this project which w	rill be pr	covided fr	om
other approp	priations:	Fisca	ıl Year	
Equipment Nomenclatı	Procuring		priated	Cost
Nomenciaci	<u>Appropriation</u>	OI RE	equested	(\$000)
	NONE			

1.COMPONENT								2.DATE	
	FY 2	008	MIL	TARY	CON	STRUCTION PR	OJECT DATA		
ARMY								03	FEB 2007
3.INSTALLATION AN	D LOCAT	ION				4.PROJECT TI	TLE	•	
Camp Warrior									
Iraq						Landfill	Construct	ion	
5. PROGRAM ELEMENT 6. CATEGORY CODE					7.PF	OJECT NUMBER	8.PROJEC	T COST (\$00	00)
						Auth		880	
		8	334			68018	Approp		880
				9.C	OST I	ESTIMATES			
	ITEM			I) MU	M/E)	QUANT]	TY	UNITCOST	COST (\$000)
PRIMARY FACILI									689
Foundation Lay				LS		-	-		(82)
Gas Collection	_			LS		-	-		(148)
Geomembrane Ba		_		LS		-	_		(143)
Compacted Barı		ayer		LS		-	_		(112)
Drainage Layer				LS		-	-		(155)
Total from (page						(49)
SUPPORTING FAC		<u>ES</u>							63
Electric Servi				LS		-	-		(22)
Site Imp(11) De	mo()	LS		-	_		(41)
ESTIMATED CONT									752
CONTINGENCY PR	ERCENT	(5.00)응)						38
SUBTOTAL									790
SUPV, INSP & C			70%)						61
DESIGN/BUILD -	- DESI	GN COST	•						32
TOTAL REQUEST									883
TOTAL REQUEST									880
INSTALLED EQT-	-OTHER	APPROI	•						(0)
10.Description of Prop						one acre lan			
of incinerator									
project consis									
leachate colle			_	_		_			
specific varia							_		
conditions dur									
construction,	_						_		
necessary work				plete	and	usable land	fill and i	remediate	
existing nonst	candar	d landf	ill.						
11. REQ:		NA	ADQ1			NA	SUBSTD:		NA
			acre l	Landi	111	to handle 8-	ton per da	ay solid	waste
generated at W						-		_	
REQUIREMENT:						se of approx			
solid waste ge		_					-		ors
already in use									1
incinerated ar		_							
used for the n				_			_	_	

1.COMPONENT	O MILITARY CONCL	DIIGHTON DDOTEGH D	2.DATE	
FY 200 ARMY	8 MILITARY CONST	RUCTION PROJECT D		FEB 2007
3.INSTALLATION AND LOCATION			0.3	FED 2007
Camp Warrior, Iraq				
4.PROJECT TITLE		5.PRC	JECT NUMBER	
Landfill Construction			6	8018
9. COST ESTIMATES (CON	TINUED)		·	G I
T to a ma	TTM /M /TT \		Unit	Cost
Item	UM (M/E)	QUANTITY	COST	(\$000)
PRIMARY FACILITY (CONTIN	UED)			
Haull Road	LS			(14)
Perimeter Fence	LS			(10)
Modular Building	LS			(25)
			Total	49
REQUIREMENT: (CONTINUE	D)_			
identified during the de	sign process due t	to geologic condit	ions not req	uiring
a synthetic liner or gas	_			
CURRENT SITUATION: Ope	n dumps and landfi	ills without desig	ned liner ma	terials
or leachate collection s	vstem to protect of	groundwater are be	ing used. Al	1

or leachate collection system to protect groundwater are being used. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit. A 15-ton incinerator will be constructed in FY07. The daily ash from incinerator will require legitimate means of disposal. Solid waste will be continued to be placed in a IMPACT IF NOT PROVIDED: non-standard landfill and perpetuate the possibility of contaminating the ground water. Solid waste to include scrap metals in open dumps and nonstandard landfills will remain mingled and not be properly disposed. Warrior will continue to burn large amounts of trash each day which will expose the personnel on camp to the hazardous smoke.

All required physical security and antiterrorism/force ADDITIONAL: protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

- Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	MAR 2007
(b)	Percent Complete As Of January 2007	.00
(C)	Date 35% Designed	OCT 2007
(d)	Date Design Complete	FEB 2008
(e)	Parametric Cost Estimating Used to Develop Costs	NO

- Type of Design Contract: Design-build (f)
- (2) Basis:
 - (a) Standard or Definitive Design: NO
- Total Design Cost (c) = (a) + (b) OR (d) + (e): (\$000) Production of Plans and Specifications....._ All Other Design Costs.....

1.COMPONENT							2.DATE	
	1	FY 2008	MILITA	RY CONSTRU	CTION PROJ	JECT DATA		
ARMY							03 FE	EB 2007
3.INSTALLATIO	N AND LOCA	TION						
Camp Warric						1		
4.PROJECT TIT	.TE					5.PROJECT	NUMBER	
T 16:11 G							606	2.1.0
Landfill Co	onstruct	TOII					680	018
12. SUPPLE	EMENTAT.	DATA: (Co	ontinued	1)				
				ontinued)				
A. 11.	(c)	_						40
	(d)		_					
	(e)							40
	(0)	III IIOGD	C					
(4	4) Cons	truction	Contrac	t Award			NOV	2007
,	,							
(5	5) Cons	truction	Start				MAR	2008
(6	6) Cons	truction	Complet	ion			MAR	2009
			_				-	
B. Ec	guipment	associa [°]	ted with	this proj	ect which	will be r	rovided fr	COM.
other app				. Olle Proj			.1011404 11	
	<u>.</u>					Fisc	al Year	
Equipme	ent			Procuring			ropriated	Cost
Nomencl				Appropriat	ion		Requested	(\$000)
								<u> </u>
				NONE				

1.COMPONENT							2.DATE	
7 DMSZ	FY 2	008 MIL	ITARY	CONS	STRUCTION PROJE	ECT DATA		EED 2007
ARMY 3.INSTALLATION AN	D LOCAT	TON			4.PROJECT TITLE		0.5	FEB 2007
Iraq Various								
Iraq various					Facilities F	Renlacem	ent Phas	e 1
5.PROGRAM ELEMENT	ı	6.CATEGORY CODE	1	7.PR	OJECT NUMBER		COST (\$00	
		0.011200111 0022	•	, , , , ,	00201 1101.15211	Auth	36,	•
		851			68010	Approp	36,	
		031	9.0	OST E	STIMATES		30,	000
	ITEM		UM (I	M/E)	QUANTITY		UNITCOST	COST (\$000)
PRIMARY FACILI			011 (1	1/ 1/	QOZIVITIT		OWIT CODI	28,200
General Purpos	 se Fac	ilities	m2 (SF)	32,516 (3	350,000)	861.11	
Information Sy			LS	,	, . 	, ,		(200)
SUPPORTING FAC	ידד.דידד	ES						2,850
Electric Servi		<u>==</u>	LS					(800)
Water, Sewer,			LS					(550)
Paving, Walks,		s & Gutters	LS					(750)
Site Imp(35			LS					(350)
Antiterrorism			LS					(200)
Information Sy			LS					(200)
IIIIOI Macion by	beemb							(200)
ESTIMATED CONT	TRACT	COST						31,050
CONTINGENCY PE								1,553
SUBTOTAL		(3:33)						32,603
SUPV, INSP & C	WERHE	AD (7 70%)						2,510
DESIGN/BUILD -								1,304
TOTAL REQUEST	2201	011 0001						36,417
TOTAL REQUEST	(ROIIN	DED)						36,000
INSTALLED EQT-								(0)
INGINEED EQI	OTILLIC	111 11101						(0)
new constructi facilities usi sitework, water All existing u maximum extent	lon. C lng co c, sew utilit	onstruct new ntainerized of er, electrications and force	hous: or mod al, de	ing, dula: emoli	r construction. ition and remov	e, and co Projectal	ommunity t include ld struc	support es tures.
11 DEC		F16 2 3 5 2 5			NONE			NONE
11. REQ:		,516 m2 ADQ				JBSTD:		NONE
		-			es Phase I, Mul	-		-
REQUIREMENT:					dated Operating	-		_
					es that have or			tended
useful life. 7								
					reas. This proj			e those
aging faciliti	les wi	th new tempor	rary (const	truction that w	vill ser	ve the	

communities until the projected end of the US presence in country without presenting the politically unfavorable image of a permanent US presence in Iraq. In addition, a new look at the state of these bases will allow some operations to be consolidated, increasing the effective utilization of the

1.COMPONENT	EV (2000	MTTTTTADA	CONCEDITORION		יחי די חיי	2.DATE		
ARMY	FI 2	2008	MILLIARI	CONSTRUCTION	PROJEC	I DAIA	03	FEB	2007
3.INSTALLATION AN	D LOCATION	Г					•		
Iraq Various,	Iraq								
4.PROJECT TITLE					5	.PROJECT N	IUMBER		
Facilities Rep	olacement	Phas	e 1					68010)

REQUIREMENT: (CONTINUED)

provide new facilities to support emerging missions during the Operational Overwatch phase of Operation Iraqi Freedom.

CURRENT SITUATION: Currently this requirement is being met by temporary facilities, including tents, constructed during the initial stages of Operation Iraqi Freedom. After consolidation, there will still be several thousand troops living in tents. These facilities are deteriorated to the point where they require constant repair to remain functional. These facilities were designed and constructed with expediency in mind and were only intended for a few years of use. There is not sufficient square footage to support the shifting missions anticipated as the US moves into the operational overwatch phase of Operation Iraqi Freedom.

IMPACT IF NOT PROVIDED: Without replacement, the bases will continue to spend Operations & Maintenance, Army (OMA) funding to maintain deteriorated facilities and continue to experience shortfalls in the number and size of facilities needed.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	<u>MAR 2007</u>
(b)	Percent Complete As Of January 2007	.00
(C)	Date 35% Designed	OCT 2007
(d)	Date Design Complete	FEB 2008
(e)	Parametric Cost Estimating Used to Develop Costs	NO
(f)	Type of Design Contract: Design-build	

- (2) Basis:

	(a) Standard or Definitive Design: NO	
(3)	Total Design Cost (c) = (a)+(b) OR (d)+(e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total Design Cost (d) Contract (e) In-house	1,400
(4)	Construction Contract Award	NOV 2007
(5)	Construction Start	MAR 2008

1.COMPONENT			2.DATE	
ARMY	FY 2008 MILITARY CONSTRUCTION PRO	JECT DATA	03 EE	B 2007
3.INSTALLATION AN	D LOCATION		03 FE	B 2007
Troc Vorious	Two			
Iraq Various, 4.PROJECT TITLE	IIaq	5.PROJECT N	UMBER	
Facilities Rep	placement Phase 1		680	10
	NTAL DATA: (Continued) mated Design Data: (Continued) Construction Completion		MAR	2009
B. Equipother approp	oment associated with this project which priations:	will be pr	rovided fr	om
Equipment Nomenclatı	Procuring are Appropriation	Appro	l Year opriated equested	Cost (\$000)
<u>ivoimerrorace</u>	NONE	<u> </u>	gaeseca	<u>(\$000)</u>
	NONE			

1.COMPONENT								2.DATE	
	FY 2	008 MIL	ITARY	CONS	TRUCTION P	ROJI	ECT DATA		
ARMY 03 FEB 2007								FEB 2007	
3.INSTALLATION AND	D LOCAT	'ION			4.PROJECT	FITLE			
Iraq Various									
Iraq					Faciliti	es I			
5.PROGRAM ELEMENT		6.CATEGORY CODE	2	7.PR	DJECT NUMBER		8.PROJECT	COST (\$00	0)
							Auth	36,	000
		610			67998		Approp	36,	000
			9.0	COST E	STIMATES				
	ITEM		UM (M/E)	QUAN'	TITY		UNITCOST	COST (\$000)
PRIMARY FACILI	TY								28,200
General Purpos	se Fac	ilities	m2 (SF)	32,516	(3	350,000)	861.11	(28,000)
Information Sy	stems		LS						(200)
									I
									I
									I
									1
SUPPORTING FAC	CILITI	ES							2,850
Electric Servi	.ce		LS						(800)
Water, Sewer,	Gas		LS						(550)
Paving, Walks,		s & Gutters	LS						(750)
Site Imp(35			LS						(350)
Antiterrorism			LS						(200)
Information Sy	stems		LS						(200)
2									1
ESTIMATED CONT	RACT	COST							31,050
CONTINGENCY PE									1,553
SUBTOTAL		(3.550)							32,603
SUPV, INSP & C	WEBHE	AD (7 70%)							2,510
DESIGN/BUILD -									1,304
TOTAL REQUEST									36,417
TOTAL REQUEST	(BOIIM	DED)							36,000
INSTALLED EQT-									(0)
TWO IMPLED EOI-	ATITIE	ALFIOE							(0)
			l	1					ı

10.Description of Proposed Construction Replace deteriorated expeditionary facilities with new construction. Construct new housing, administrative, and community support facilities using containerized or modular construction. Project includes sitework, water, sewer, electrical, demolition and removal of old structures. All existing utilities and force protection measures will be reused to the maximum extent possible.

32,516 m2 ADQT: 11. REQ: NONE SUBSTD: PROJECT: Construct Replacement Facilities Phase II, Multiple Locations, Iraq At the four final Consolidated Operating Bases (COB) in Iraq, there are hundreds of temporary facilities that have outlived their intended useful life. This includes such facilities as morale facilities, administrative facilities, and housing areas. This project will replace those aging facilities with new temporary construction that will serve the communities until the projected end of the US presence in country without presenting the politically unfavorable image of a permanent US presence in Iraq. In addition, a new look at the state of these bases will allow some operations to be consolidated, increasing the effective utilization of the facility square footage on base. Where necessary, this project will also

1.COMPONENT						2.DATE		
	FY 2008	MILITARY	CONSTRUCTION	PROJECT	T DATA			
ARMY						03	FEB	2007
3.INSTALLATION AN	D LOCATION							_
Iraq Various,	Iraq							
4.PROJECT TITLE				5.	PROJECT N	NUMBER		
Facilities Rep	placement Phas	se 2				6	57998	

REQUIREMENT: (CONTINUED)

provide new facilities to support emerging missions during the Operational Overwatch phase of Operation Iraqi Freedom.

CURRENT SITUATION: Currently this requirement is being met by temporary facilities, including tents, constructed during the initial stages of Operation Iraqi Freedom. After consolidation, there will still be several thousand troops living in tents. These facilities are deteriorated to the point where they require constant repair to remain functional. These facilities were designed and constructed with expediency in mind and were only intended for a few years of use. There is not sufficient square footage to support the shifting missions anticipated as the US moves into the operational overwatch phase of Operation Iraqi Freedom.

IMPACT IF NOT PROVIDED: Without replacement, the bases will continue to spend Operations & Maintenance, Army (OMA) funding to maintain deteriorated facilities and continue to experience shortfalls in the number and size of facilities needed.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	MAR 2007
(b)	Percent Complete As Of January 2007	.00
(C)	Date 35% Designed	OCT 2007
(d)	Date Design Complete	FEB 2008
(e)	Parametric Cost Estimating Used to Develop Costs	NO

- (f) Type of Design Contract: Design-build
- (2) Basis:

	(a) Standard or Definitive Design: NO	
(3)	Total Design Cost (c) = (a)+(b) OR (d)+(e): (a) Production of Plans and Specifications (b) All Other Design Costs	1,350
	(e) In-house	
(4)	Construction Contract Award	NOV 2007
(5)	Construction Start	MAR 2008

1.COMPONENT				2.DATE	
A DMV	FY 2008 MILIT	ARY CONSTRUCTION PROJ	JECT DATA	02 55	D 2007
ARMY 3.INSTALLATION AN	D LOCATION			U3 FE	B 2007
	_				
Iraq Various, 4.PROJECT TITLE	Iraq		5.PROJECT N	UMBER	
Facilities Rep	placement Phase 2			679	98
12. SUPPLEMEN	NTAL DATA: (Continue	d)			
A. Estim	nated Design Data: (Continued)			
(6)	Construction Comple	tion		<u>MAR</u>	2009
		h this project which	will be pr	ovided fr	om
other approp	oriations:		Fisca	l Year	
Equipment		Procuring	Appro	priated	Cost
Nomenclatu	<u>ire</u>	Appropriation	Or Re	quested	(\$000)
		NONE			

1.COMPONENT							2.DATE	
FY 2008 MILITARY CONSTRUCTION PROJECT DATA								
ARMY							03	FEB 2007
3.INSTALLATION AND	D LOCAT	'ION			4.PROJECT TITLE			
Iraq Various								
Iraq		<u> </u>			Overhead Co			
5.PROGRAM ELEMENT		6.CATEGORY CODE]	7.PR	OJECT NUMBER		COST (\$00	
						Auth	30,	
		812			67995	Approp	30,	000
			9.CO	ST E	STIMATES			
	ITEM		UM (M/	E)	QUANTITY		UNITCOST	COST (\$000)
PRIMARY FACILI				٦١	0 200 /	100 000)	0 777	25,800
Overhead Prote	CCION		m2 (SI	')	9,290 (100,000)	2,777	(25,800)
SUPPORTING FAC	ידי, דידי	ES	+	\dashv				
SOFFORTING PAC		<u> </u>						
ESTIMATED CONT	RACT	COST						25,800
CONTINGENCY PE	RCENT	(5.00%)						1,290
SUBTOTAL								27,090
SUPV, INSP & O	VERHE.	AD (7.70%)						2,086
DESIGN/BUILD -	DESI	GN COST						1,084
TOTAL REQUEST								30,260
TOTAL REQUEST	(ROUN	DED)						30,000
INSTALLED EQT-	OTHER	APPROP						(0)
10.Description of Propo					cility overhead		-	
selected high-								
Operating Base		_			-			_
Specific facil		_			_			
assessment. Co								
prep, concrete						_	_	a
installation o	i ste	el support st	ructu	ce a	and pre-detonat	tion scr	een.	
11 DEO:		1 EA ADO	г.		NONE SI	JBSTD:		NONE
11. REQ:	+ 2011 61+	~		G 0 T			n = 0 = 0 = 0 = 0 = 0	
<u>PROJECT:</u> Cons indirect fire		-	erneau	COV	ver system to p	provide	procecti	OII LEOIII
REQUIREMENT:			-1/ 01/01	char	ad cover system	na for a	elected	
high-density g			_		-			i de
protection to		_				-	_	
grenades and m	_					_		
CURRENT SITUAT			_		theater wide a	_		
attack by anti						_		_
these bases, s	_					_	_	
facilities tha		_		_	-	_		
DD FORM 1391	10. V				Y BE USED INTERNAL			7 NO 153

I.COMPONENT	EV 20	008 MILITARY	CONCEDITORION		רט א רוט א	Z.DATE		
	F1 20	JUS MILLIARY	CONSTRUCTION	PROJECT	DATA			
ARMY						03	FEB	2007
3.INSTALLATION AN	D LOCATION							
Iraq Various,	Iraq			_				
4.PROJECT TITLE				5.F	ROJECT N	UMBER		
Overhead Cove	r-e Glass					6	7995	5

CURRENT SITUATION: (CONTINUED)

artillery attack.

COMPONENT

IMPACT IF NOT PROVIDED: The likelihood of attack on a high-density gathering facility has increased, as there is mounting evidence that anti-Iraqi forces are specifically targeting these facilities in order to inflict the maximum number of casualties. Failure to provide overhead cover greatly increases the risk of mass casualties from indirect fire attacks.

<u>ADDITIONAL:</u> All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

- A. Estimated Design Data:
 - (1) Status:

(a)	Date Design Started	FEB	2007
(b)	Percent Complete As Of January 2007		.00
(c)	Date 35% Designed	OCT	2008
(d)	Date Design Complete	FEB	2008
(e)	Parametric Cost Estimating Used to Develop Costs		NO
(f)	Type of Design Contract: Design-build		

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:

(3)	Total Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$:	(\$000)
	(a) Production of Plans and Specifications	600
	(b) All Other Design Costs	
	(c) Total Design Cost	600
	(d) Contract	600
	(e) In-house	
(4)	Construction Contract Award	NOV 2007
(5)	Construction Start	MAR 2008
(6)	Construction Completion	MAR 2009

1.COMPONENT								2.DATE	
a Dage	FY	2008	MILITA	ARY CONS	TRUCTION	PROJE	CT DATA	0.2 17	TD 000F
ARMY 3.INSTALLATION AN	D LOCATIO)N						03 F	EB 2007
Iraq Various, 4.PROJECT TITLE	Iraq					1	5.PROJECT	MANDED	
4.PROJECT TITLE							5.PROJECT	NUMBER	
Overhead Cove	r-e Glas	SS						67	995
12. SUPPLEMEN	ראת ואידע	"A• ((CONTINII	ED)					
					roject w	hich w	ill be p	rovided f	rom
other approp	priation	ıs:							
Equipment				Procuri	na			al Year opriated	Coat
Equipment Nomenclatı	ıre			Appropr				equested	Cost (\$000)
				<u>PP-</u>			<u> </u>	<u> </u>	(400)
				NON	E				

1.COMPONENT							2.DATE		
	FY 2008 MILITARY CONSTRUCTION PROJECT DATA								
ARMY	D 7001	7.037					03	FEB 2007	
3.INSTALLATION AN		TON			4.PROJECT TIT	LLE			
Planning and I Worldwide Var:	_				Dlanning	nd Dogjar	EVOO	СМОТ	
5. PROGRAM ELEMENT		6.CATEGORY COI)E	7 PF	Planning a		T COST (\$00		
J. I ROOM I BEELDIN			,_	,	tooler worldlic	Auth	1 0001 (900	0,	
91211A		000			68198	Approp	19,	400	
-			9.0	OST I	ESTIMATES	I	- ,		
	ITEM		UM (I	M/E)	QUANTII	Ϋ́	UNITCOST	COST (\$000)	
PRIMARY FACILITY			, ,	~			19,400		
P&D 3rd Army,	CFLCC		LS					(19,400)	
SUPPORTING FAC	CILITI	<u>ES</u>							
ESTIMATED CONT	TRACT	COST						19,400	
CONTINGENCY PR								0	
SUBTOTAL		()						19,400	
SUPV, INSP & (OVERHE.	AD (.00 %)						, 0	
TOTAL REQUEST								19,400	
TOTAL REQUEST	(ROUN	DED)						19,400	
INSTALLED EQT-	OTHER	APPROP						(0)	
10.Description of Prop				_	ovides for de	_	-		
construction p							the US T	hird	
Army, Coalitio	on For	ces Land Cor	nponen	t Co	mmand (CFLCC)	•			
11 000		3.17 3.17				GIID GED			
11. REQ:		NA AD(-		NA	SUBSTD:		NA	
	_	and design t		- A	to provide de	atan and	onginoon	ina	
REQUIREMENT: services for N		_	_		_	_	_	-	
dissimilar to		_		_					
operations exp	_				_				
Funds will be							_	-	
Architect-Eng:		-	-	-	_				
These funds as									
reproduction a									
Terrorism prog			F -	,	- · -		0.		
ADDITIONAL:	-	eputy Assist	tant S	ecre	tary of the A	rmy (Inst	allation	s and	
Housing) cert:					-	_			
potential. The		_	-			_			
Sustainable pr	cincip	les will be	integ	rate	d into the de	sian, des	relopment	. and	

1.COMPONENT					2.DATE
7 DM37	FY 2008	MILITARY CONST	TRUCTION PROJE	ECT DATA	02 000 0007
ARMY 3.INSTALLATION AN	D LOCATION				03 FEB 2007
Planning and I	Design, Worldw	vide Various		T	
1.PROJECT TITLE				5.PROJECT N	UMBER
Planning and D	Design - FY08	GWOT			68198
	· J	-		ı	
ADDITIONAL:	(CONTINUED)				
construction o applicable lav		in accordance	with Executiv	ve Order 1	3123 and other
appiicable iav	ws and Execut.	ive Orders.			